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TRANSACTIONS

OF THE

ROYAL SOCIETY

OF

EDINBURGH.

VOL. XXXIV.

EDINBURGH:

PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,

AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

MDCCCXC.

Transactions of the Royal Society of Edinburgh.

THE

METEOROLOGY OF BEN NEVIS.

BY

ALEXANDER BUCHAN, LL.D.,

SECRETARY OF THE SCOTTISH METEOROLOGICAL SOCIETY.

FORMING VOL. XXXIV. OF
THE TRANSACTIONS OF THE ROYAL SOCIETY OF EDINBURGH.

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INTRODUCTORY NOTE

BY THE

COUNCIL OF THE SCOTTISH METEOROLOGICAL SOCIETY.

THE whole responsibility of erecting and equipping the Observatories and carrying on the Observations on Ben Nevis was undertaken by the Scottish Meteorological Society; and the management of the Scientific work was placed in the Council of the Society, along with representatives appointed by the Royal Society of London, the Royal Society of Edinburgh, and the Philosophical Society of Glasgow, which together constitute the Directors of the Observatories.

The Council of the Scottish Meteorological Society have been enabled to publish this account of the Meteorology of Ben Nevis by the liberality of the Royal Society of Edinburgh, as the Scottish Meteorological Society has no funds at its disposal for the purpose. The publication forms Vol. XXXIV. of the Royal Society's *Transactions*, and consists of the detailed Hourly Observations made at the Ben Nevis Observatory and the five Daily Observations at Fort-William, from December 1, 1883, to December 31, 1887, and prefaced by a Report by Dr BUCHAN, Secretary of the Scottish Meteorological Society, on the Meteorology of Ben Nevis, based on these Observations.

The reasons which led to the establishment of this High Level Observatory and the tentative steps taken preliminary to the raising of the funds for the erection of the buildings are detailed in pages ii. and iii. of the Report. An appeal to the public for funds was made early in 1883, and, mainly by the great personal exertions of members of a Committee of the Council of the Scottish Meteorological Society,* the necessary funds were soon collected,† the Observatory was built, and the regular Hourly Observations were begun in the end of November of that year.

* This Committee, called the Building Committee, consisted of JOHN MURRAY, Convener, D. MILNE HOME of Milne-Graden, THOMAS STEVENSON, JAMES SANDERSON, ARTHUR MITCHELL, ALEXANDER BUCHAN.

† See Subscription List appended.

It was contemplated from the commencement to establish as soon as practicable, as a constituent part of this system of Observations, a Low-Level Observatory at Fort-William, at which Hourly Observations should be made similar to those made at the top of the mountain, but want of funds rendered it impossible to carry this proposal into effect for some years. But a legacy of £500 from the late R. M. SMITH, Esq., and a donation of £1000 from the Association of the Edinburgh International Exhibition of 1886, enabled the Society to carry out this desired object. Accordingly a first-class Meteorological Observatory has been erected in Fort-William, the self-registering instruments for which were supplied by the Meteorological Council. At the same time a Station, similar in all respects to the Society's other Stations, has also been established within the grounds of the Observatory, the instruments in this case being furnished by the Scottish Meteorological Society. This Low-Level Observatory was completed on July 14, 1890, and the regular Hourly Observations were forthwith commenced.

The following are the present staff of the two Observatories:—Messrs R. T. OMOND, F.R.S.E., Superintendent; ANGUS RANKIN, First Assistant; JAMES MILLER, Second Assistant; S. NISBET, Third Assistant; and WILLIAM STEWART, Road Overseer and Storekeeper. The Directors take this opportunity of expressing their sense of the great services rendered to the Observatory by Mr OMOND and the other members of the staff, who have carried on the laborious and trying work of making hourly eye-observations in all weathers, by night as well as by day,—a work attempted nowhere else,—with an intelligence, enthusiasm, and completeness which leave nothing to be desired. The Directors desire to record their great indebtedness and cordial thanks to Messrs H. N. DICKSON, F.R.S.E.; A. DRYSDALE, M.A.; C. GRAY, V.S.; W. HAY; A. J. HERBERTSON; J. M'DONALD, M.A.; Professor A. C. MITCHELL, D.Sc., F.R.S.E.; R. C. MOSSMAN, and R. TURNBULL, who have from time time given their services gratuitously as observers in relief of the staff.

A financial statement of the funds of the Ben Nevis Observatory, from 1883 to the commencement of the present year, is appended,* from which it is seen that £11,989, 18s. 5d. have been received from all sources by the Council for the purposes of the Observatories. Since then £316, 17s. have been received, making in all £12,306, 15s. 5d. On the other hand, since January last the expenditure has been £1422, 15s. 1d., the sums expended being chiefly connected with the completing and equipping of the Low-Level Observatory, which has cost about £1700. The accounts now show a deficit of £579, 10s. 7d., with £344, 17s. 8d. of out-

* Page vii.

standing accounts, making in all a sum of nearly £1000 to be provided for within the next few months. The annual cost connected with carrying on the observatories is estimated at £800.

The value of the scientific results hitherto obtained are clearly stated by Dr BUCHAN, and have been freely recognised by meteorologists throughout the world. There is the very highest expectation that the double sets of Observations of this now completed system will yield data vitally and essentially important in investigating various problems presented by Meteorology, including storms and other weather changes. It is estimated that to carry on this great undertaking for the next five years, a sum of £2000 will be required, in addition to the present income at the disposal of the Directors, and the Council of the Society believe that the liberality of the public will not be wanting to put them in the position of being able to carry on this great national work to a successful termination.

ARTHUR MITCHELL, *Hon. Secretary.*
JAMES SANDERSON, *Hon. Treasurer.*
JOHN MURRAY, *Convener of Building Committee.*

SCOTTISH METEOROLOGICAL SOCIETY,
122 GEORGE STREET, EDINBURGH,
15*th December* 1890.

LIST OF THE DIRECTORS OF THE BEN NEVIS OBSERVATORY

MARCH 1890.

The List consists of the Office-Bearers of the Scottish Meteorological Society; Professor TAIT and Professor CHRYSTAL, Representatives of the Royal Society of Edinburgh; Sir WILLIAM THOMSON, Representative of the Royal Society of London; Dr MUIRHEAD, Representative of the Philosophical Society of Glasgow.

President.

HIS GRACE THE DUKE OF RICHMOND AND GORDON, K.G.

Vice-President.

D. MILNE HOME OF MILNE-GRADEN, LL.D., F.R.S.E.

Council.

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JOHN AITKEN, F.R.SS. E. and L., Darroch, Falkirk.

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J. B. RUSSELL, M.D., Medical Officer of Health, Glasgow.

Sir JAMES D. MARWICK, LL.D., F.R.S.E., Town-Clerk, Glasgow.

JOHN MURRAY, LL.D., Ph.D., F.R.S.E., Director of the *Challenger* Expedition Commission, Edinburgh.

J. Y. BUCHANAN, F.R.SS. L. and E., Chemist and Physicist, *Challenger* Expedition.

JAMES A. WENLEY, F.R.S.E., Treasurer, Bank of Scotland, Edinburgh.

JOHN CHIENE, M.D., F.R.C.S.E., F.R.S.E., Professor of Surgery, University of Edinburgh.

ROBERT COX, M.A., F.R.S.E., Gorgie.

The Hon. LORD M'LAREN, LL.D., *V.P.*R.S.E., Edinburgh.

A. CRUM BROWN, M.D., F.R.C.P.E., F.R.SS. L. and E., Professor of Chemistry, University of Edinburgh.

ARCHIBALD GEIKIE, LL.D., F.R.SS. L. and E., F.G.S., Director-General of the Geological Survey of the United Kingdom.

Sir WILLIAM THOMSON, LL.D., *P.*R.S., Hon. *V.P.*R.S.E., Professor of Natural Philosophy, University of Glasgow (*ex officio*).

P. G. TAIT, Sec. R.S.E., Professor of Natural Philosophy, University of Edinburgh (*ex officio*).

G. CHRYSTAL, LL.D., *V.P.*R.S.E., Professor of Mathematics, University of Edinburgh (*ex officio*).

HENRY MUIRHEAD, M.D., Bushy Hill, Cambuslang (*ex officio*).

I. BAYLEY BALFOUR, M.D., D.Sc., F.R.SS. L. and E., Professor of Botany, University of Edinburgh.

RALPH COPELAND, F.R.S.E., Astronomer-Royal for Scotland, and Professor of Practical Astronomy, University of Edinburgh.

Honorary Secretary.

Sir ARTHUR MITCHELL, K.C.B., M.D., LL.D., *V.P.*R.S.E., Commissioner in Lunacy, Edinburgh.

Honorary Treasurer and Convener of Finance Committee.

JAMES SANDERSON, F.R.C.S.E., F.R.S.E., Deputy Inspector-General of Hospitals, H.M. Madras Army, Edinburgh.

Chairman of Medico-Climatological Committee.

Sir ARTHUR MITCHELL, K.C.B., M.D., LL.D., *V.P.*R.S.E., Commissioner in Lunacy, Edinburgh.

Meteorological Secretary.

ALEXANDER BUCHAN, LL.D., F.R.S.E., Society's Chambers, 122 George Street, Edinburgh.

BEN NEVIS OBSERVATORY FUND.

ABSTRACT OF ACCOUNTS FROM BEGINNING OPERATIONS IN 1883 TO 31ST JANUARY 1890.

CHARGE.

To Total Subscriptions received,	£7895	5	1
„ Grants from British Association,	350	0	0
„ Do. Meteorological Council,	600	0	0
„ Legacy by R. M. Smith,	500	0	0
„ From Edinburgh Exhibition (1886) Fund,	957	11	2
„ From Research Fund for Camera,	25	0	0
„ From Research Fund for Dust Counter,	50	0	0
„ Guide Books and Road Permits sold,	397	4	4
„ Received for Telegrams,	1161	3	7
„ Bank Interest,	53	14	3
	£11,989	18	5

DISCHARGE.

By Building the Observatory and Preliminary Expenses with upkeep to date,	£3012	3	2		
„ Making the Road to Observatory,	798	9	3		
				£3810	12
„ Building Low Level Station at Fort-William to date,				763	11 3
„ Furnishings,	311	17	8		
„ Instruments,	338	2	3		
				649	19 11
„ Provisions, &c., and Carriage,				1303	15 8
„ Salaries,				1991	2 11
„ Printing, Stationery, and Postages,				462	16 9
„ Advertising,				198	1 7
„ Visiting Home and Continental Stations,				54	19 2
„ Travelling Expenses,				98	1 6
„ Paid for Telegrams,				536	8 5
„ Rent of Telegraph Wire,				616	0 0
„ Rent of Edinburgh Office, Premises at Fort-William, Taxes and Insurance,				260	13 6
„ Feu Duty,				42	0 0
„ Horses' Account with Keep,				168	11 2
„ Commission paid for Collecting Subscriptions,				303	15 2
„ Sundry Incidental Expenses,				167	3 0
„ Balance in Bank,				562	6 0
				£11,989	18 5

SUBSCRIPTIONS

IN AID OF

BEN NEVIS OBSERVATORY.

Her Most Gracious Majesty the Queen,	£50	0	0
His Royal Highness the Prince of Wales,	26	5	0
His Royal Highness the Duke of Edinburgh,	10	0	0
His Royal Highness the Duke of Albany,	10	0	0

	£	s.	d.
A. A. Abercromby, Ayr,	10	0	0
The Hon. Ralph Abercromby, 21 Chapel St., London,	5	0	0
Mrs Adam, Larchgrove, Shettleston,	1	1	0
Adam, Sons, & Co., 135 Constitution St., Leith,	5	5	0
Professor Adams, The Observatory, Cambridge,	2	2	0
Addie & Sons, 144 St Vincent Street, Glasgow,	3	3	0
C. J. Addington, Shopwyke House, Chichester,	1	0	0
Mrs Adie, Rockville, Linlithgow,	18	0	0
Thomas H. Ainslie, Fort-William,	1	1	0
Aitken & Co., Glasgow,	5	0	0
Aitken & Mansell, Glasgow,	3	3	0
Aitken, Liburn, & Co., Glasgow,	11	1	0
Dr Aitken, 57 Great King Street,	1	1	0
Mrs Aitken, 57 Great King Street (Collected by)	5	0	0
John Aitken, Darroch, Falkirk,	28	7	0
John Aitchison & Co., Brewers, Edinburgh,	7	2	0
William Aldain, Fiekley Hall, Doncaster,	7	1	0
Rev. Dr Lindsay Alexander, Musselburgh,	1	0	0
David Alexander, Dundee,	1	0	0
Mrs Alexander, 7 Roseberry Crescent, Edinburgh,	2	1	0
Alexander Allan, 5 Hillside Crescent, Edinburgh,	2	0	0
C. Allhusen, J.P., Stoke Court, Slough,	2	2	0
A. Anderson, M.D., C.B., Sunnybrae, Pitlochry,	3	2	0
James Anderson, Leven,	1	0	0
Charles W. Anderson, 9 Cumin Place, Edinburgh,	1	1	0
William R. Anderson,	2	2	0
Anonymous,	50	0	0
Anonymous,	1	13	0
Anonymous,	2	0	0
Sir Windham C. Anstruther, Carmichael House, Thankerton,	5	0	0
Miss Helen Carnegie Arbuthnott, of Balnamoon, Forfarshire,	2	2	0
Professor Archer, Edinburgh,	1	1	0
His Grace The Duke of Argyll, K.T.,	50	0	0

	£	s.	d.
A. B. Armitage, 14 Dick Place, Edinburgh,	5	0	0
Sir William Armstrong, Cragside, Morpeth,	25	10	0
J. W. Arnott, Chaplehouse, Ladybank,	2	2	0
J. Walker Arnott, 24 St Bernard's Crescent, Edinburgh,	3	3	0
Arnott & Co., Jamaica Street, Glasgow,	1	0	0
Arthur & Co., Glasgow,	25	0	0
E. Ashworth, Hayhill, Waterfoot, Manchester,	1	0	0
W. A. Backhouse, Walsingham,	2	0	0
Robert Baikie of Tankerness, M.D.,	10	0	0
Baine & Johnston, Greenock,	2	0	0
Mrs Baird, Cambusdoon, Ayr,	3	2	0
Professor J. H. Balfour, Edinburgh,	7	2	0
Surgeon-General Balfour, M.D., Combe Lodge, London,	1	1	0
Sir George Balfour, M.P., 6 Cleveland Gardens, London,	1	0	0
Provost Ballingall, Dundee,	1	1	0
E. B. W. Balme, Mirfield,	2	2	0
Dr Barbour, 24 Melville Street, Edinburgh,	1	0	0
George F. Barbour of Bonskeid,	100	0	0
H. B. Barbour, London,	2	2	0
C. Barclay, London,	1	0	0
G. Barclay, Kirkmichael House, Dumfriesshire,	1	1	0
Barclay, Curle, & Co., Glasgow,	20	0	0
John Barclay, Paisley,	2	10	0
W. H. Barlow, High Combe, Old Charlton,	5	0	0
Thomas Barns, The Quinta Office, Chirk, Ruabon,	1	0	0
Thomas Bate, Kelstern, Flint,	1	0	0
J. F. Bateman, 16 Great George Street, London,	2	2	0
Edmund Baxter, 9 Rutland Square, Edinburgh,	7	0	0
Mrs Baxter, 26 Drumsheugh Gardens, Edinburgh,	2	2	0
Donald Beith, 43 Castle Street, Edinburgh,	2	0	0
Dr Joseph Bell, Edinburgh,	1	0	0
J. Lindsay Bennet, St Andrews,	10	0	0

	£	s.	d.
Bernard & Co., Leith	5	0	0
Walter Berry of Glenstriven, Edinburgh,	5	5	0
Mrs Bevan, 4 Heriot Row, Edinburgh,	1	0	0
R. A. Bevan, Horsgate, Cuckfield, Sussex,	2	2	0
Rev. J. G. Beveridge, The Manse, Musselburgh,	1	0	0
James B. Bevington, Merle Wood, Seven Oaks, Kent,	1	1	0
A .M. Black, Campie, Musselburgh,	1	0	0
Messrs A. & C. Black, Edinburgh,	4	4	0
Dr Black, 2 George Square, Edinburgh,	1	0	0
James Black, Duntocher,	10	0	0
Sheriff Black, Stornoway,	1	1	0
W. D. Black, Row, Helensburgh,	5	0	0
William Blackwood, 45 George Street, Edinburgh,	5	0	0
J. Blaikie, 14 Viewforth Place, Edinburgh,	1	0	0
John Blackie, Glasgow,	10	0	0
Wm. Blackwood, 5 Clarendon Crescent, Edinburgh,	8	1	0
Blackwood & Gordon, Port-Glasgow,	5	0	0
C. Blair, Glendarroch, Dunoon,	1	1	0
Sheriff Blair, Inverness,	1	1	0
Earl of Blantyre, Erskine, Glasgow,	21	0	0
Edward L. J. Blyth, 2 Rothesay Terrace, Edinburgh,	5	0	0
H. Bonar, 15 Hill Street, Edinburgh,	1	1	0
Sir. W. Bowman, 5 Clifford Street, London,	5	0	0
Donald Boyd, Fort-William,	1	1	0
Bow, M'Lachlan, & Co., Paisley,	5	0	0
Duncan S. Boyd, Paisley,	1	0	0
George Boyd, Paisley,	1	1	0
Isaac Braithwait, 4 Gloucester Square, London,	10	0	0
Dr Bremner, Streatham House, Edinburgh,	1	1	0
J. Brierley, Mossley Hall, Congleton,	1	0	0
F. Brodie, Fernhill, Wootton Bridge, Isle of Wight,	4	1	0
T. D. Brodie, 9 Ainslie Place, Edinburgh,	10	0	0
A. J. Dennistown Brown of Balloch, Glasgow,	2	2	0
Alexander L. Brown, Buckholm, Galashiels,	1	0	0
M. M. C. Brown, Greenock,	1	0	0
Professor Crum Brown, 8 Belgrave Crescent, Edinburgh,	10	5	0
J. A. Brown, 14 Chester Street, Edinburgh,	1	0	0
J. A. Harvie Brown, Dunipace House, Larbert,	4	3	0
Brown & Polson, Paisley,	17	0	0
R. S. Brown, 6 Sussex Square, London,	10	10	0
Ex-Provost Brownlee, Dundee,	1	1	0
A. Bruce, Crichton Inst., Dumfries (small sums collected by),	1	0	0
Bryden & Sons, 16 Frederick Street, Edinburgh,	2	2	0
His Grace the Duke of Buccleuch,	100	0	0
James Buchanan, Oswald Road, Edinburgh,	7	2	0
John Young Buchanan, 10 Moray Place, Edinburgh,	60	0	0
T. R. Buchanan, M.P., 10 Moray Place, Edinburgh,	20	0	0
James S. Budgett, Stoke Park, Guildford, Surrey,	4	4	0
James C. Bunton, 24 Park Circus, Glasgow,	2	2	0
George Wardlaw Burnett, 21 Castle St., Edinburgh,	1	0	0
Mrs Burns, Home Bank, Bridge of Allan (small sums collected by),	6	10	0
John Burns, Castle Wemyss,	60	0	0
J. W. Burns of Kilmahew,	20	0	0
George Burt, 23 Grosvenor Road, London,	1	1	0
John L. Burton, Longnor Hall, Shrewsbury,	1	1	0
Marquis of Bute, Mountstuart, Rothesay,	20	0	0
Caird & Co., Greenock,	10	0	0
James T. Caird, Greenock,	5	0	0
William Caird, Greenock,	5	0	0
Edward Caird, 15 Belgrave Crescent, Edinburgh,	1	0	0
A. Cameron, Highfield, Elgin,	1	0	0
A. C. Darling Cameron, 9 Victoria Chambers, London,	1	1	0
A. C. Cameron, Fettercairn (small sums collected by),	1	2	6
A. Campbell of Cammo, Edinburgh,	5	0	0
Mrs D. A. Campbell, Barriemon,	2	1	0
Dr Campbell of Craigrannoch, Ballachulish,	5	5	0
Rev. J. A. Legh Campbell, Helpston, Market Deeping,	12	0	0
Sir Archibald C. Campbell, Bart.,	10	0	0
Sir Archibald K. Campbell, 23 Moray Place, Edin.,	2	0	0
Mrs Cameron Campbell of Monzie,	50	0	0
J. A. Campbell of Stracathro, M.P.,	25	0	0
D. S. Cargill, Glasgow,	3	3	0
Mr Cargill, Dundee,	1	1	0
Dr Carment, Edinburgh,	3	0	0
James Carmichael & Co., Dundee,	10	10	0
Thomas Carmichael, Greenock,	1	0	0
Montague Carmon, Dundee,	1	0	0
D. Carnegie of Stronvan,	25	0	0
Cartsburn & Orchard Sugar Refining Co., Greenock,	2	0	0
D. Caw, 175 West George Street, Glasgow,	1	0	0
W. & R. Chambers, Edinburgh,	24	3	0
General Sir Frederick Chapman, London,	1	0	0
Lady Sophia Cecil, 6 Granville Place, London,	5	5	0
D. Chalmers, Redhall, Slateford,	4	3	0
Professor Chiene, Edinburgh,	10	5	0
Christie & Son, 11 St Andrew Square, Edinburgh,	5	0	0
Sir A. Christison, Bart., 40 Moray Place, Edinburgh,	6	0	0
John Christison, 40 Moray Place, Edinburgh,	6	0	0
Professor Chrystal, Edinburgh,	5	0	0
Provost Clark, Paisley,	3	3	0
Clark & Co., Paisley,	50	0	0
Bailie Cleghorn, Dundee,	2	10	0
J. Clerk, 31 Parliament Street, London,	2	0	0
Dr Clouston, Tipperlinn House, Edinburgh,	2	2	0
J. & P. Coats, Paisley,	90	0	0
Dr Joseph Coats, Glasgow,	1	1	0
W. & A. Coats, Paisley,	1	1	0
C. Cochrane, The Grange, Stourbridge,	5	5	0
K. Cochrane, Elmbank, Galashiels,	1	0	0
Mrs Colfox, Rax, Bridport, Dorset,	1	0	0
Sir William Collins, Glasgow,	5	0	0
Michael Connal, Glasgow,	6	0	0
H. Connop, Ewenry Priory, Bridgend,	1	0	0
Archibald Constable, 1 Nelson Street, Edinburgh,	1	1	0
Cooper & Brindell, Association of Underwriters, Glasgow,	10	10	0
George Cowan, Morningside House, Edinburgh,	7	0	0
J. J. Cowan, 38 West Register Street, Edinburgh,	5	0	0
James Cowan, 35 Royal Terrace, Edinburgh,	50	0	0
John Cowan, Beeslack, Penicuik,	50	0	0
Wm. Cowan, 15 Princes Street, Edinburgh,	2	1	0
Robert Cox, 34 Drumsheugh Gardens, Edinburgh,	55	0	0
J. T. Gibson-Craig, 24 York Place, Edinburgh,	5	0	0
Sir J. H. Gibson-Craig, Riccarton, Currie,	5	0	0
Cranston & Elliot, Edinburgh,	1	1	0
Robert Crawford, Leith,	5	0	0
W. C. Crawford, 1 Lockharton Gardens, Edinburgh,	1	1	0
William Crouch, C.E., 175 Hope Street, Glasgow,	7	2	0
James H. Crossman,	2	2	0
A. Crum of Thornliebank, M.P.,	10	0	0

	£	s.	d.
Robert Crystal, Glasgow,	10	10	0
Dr Cumming, Kinellan, Edinburgh,	5	1	0
James Cumming, Arbroath,	1	0	0
C. D. Cunningham, Edinburgh,	3	3	0
D. Cunningham, Harbour Chambers, Dundee,	7	2	0
George Cunningham, C.E., Glen Turret, Crieff,	1	0	0
H. Cunninghame, 4 York Villas, London,	3	2	0
T. B. Curling, 27 Brunswick Square, Brighton,	2	2	0
Alexander Currie, Greenock,	6	0	0
James Currie & Co., 16 Bernard Street, Leith,	40	0	0
William Currie, 6 Strathearn Road, Edinburgh,	2	1	0
W. Cotton Curtis, Potterells, Hatfield,	1	1	0
D.,	2	2	0
W. Ogilvy Dalgleish, Dundee,	10	0	0
The Right Hon. the Earl of Dalhousie,	20	0	0
Chas. Dalrymple, M.P., 5 Onslow Houses, London,	1	0	0
George Dalziel, Lochard Cottage, Aberfoyle (small sums collected by),	1	0	0
P. Davidson, Bridge of Allan,	1	0	0
John Dawson, Bridge of Allan,	2	2	0
Miss Dawson, Bonsyde (small sums collected by),	4	5	0
Miss F. Dawson, Bonsyde, Linlithgow (collected by),	1	10	0
Miss Lily Dawson, Bonnytown, Linlithgow (small sums collected by),	1	8	0
Miss Ramage Dawson, Palmerston Place, Edinburgh (small sums collected by),	2	7	6
Peter Denny, Dumbarton,	20	0	0
William Denny & Brothers, Dumbarton,	40	0	0
Lady Denison, 169 Cromwell Road, London,	1	1	0
The Right Hon. the Earl of Derby,	50	0	0
His Grace the Duke of Devonshire, K.G.,	100	0	0
Dr Dewar, 13 Hill Terrace, Arbroath,	1	0	0
Miss A. E. Dewar, 10 George Square, Edinburgh (small sums collected by),	1	15	0
Professor Alex. Dickson, Edinburgh,	15	0	0
George Dines, Hershom, Walton-on-Thames,	1	1	0
Thomas H. Dixon, Gresford, Denbigh,	2	2	0
Rev. W. Dobie, Ladykirk,	2	2	0
Don Brothers, Buist, & Co., Dundee,	15	10	0
D. Doncaster, jun., Broomhall Park, Sheffield,	2	2	0
W. H. Maitland Dougall, Scotscraig, Tayport, Fife,	5	0	0
Miss Dove, St Leonards, St Andrews,	1	0	0
E. Theodore Dowson, Geldeston, Suffolk,	2	2	0
Samuel Drew, 10 Laura Place, Bath,	1	0	0
John Dryborough, 15 Coates Crescent, Edinburgh,	1	0	0
Patrick Dudgeon of Cargen,	5	0	0
Bailie Duff, Greenock,	1	0	0
Miss C. Duffin, Strandtown Lodge, Strandtown,	1	0	0
A. Duncan, Knossington Grange, Oakham,	25	0	0
Duncan & Flockhart, Edinburgh,	10	0	0
J. Barker Duncan, 6 Hill Street, Edinburgh,	1	1	0
Dr Matthews Duncan, London,	5	0	0
Dr Duncan, 8 Ainslie Place, Edinburgh,	2	1	0
J. W. Duncan, 29 Abercromby Place, Edinburgh,	5	0	0
Robert Duncan, Port-Glasgow,	10	0	0
Professor Duns, New College, Edinburgh,	2	2	0
James Dunsmure, M.D., 53 Queen St., Edinburgh,	2	0	0
W. A. Dykes, The Orchard, Hamilton,	1	0	0
Dymock & Guthrie, George Street, Edinburgh,	3	3	0
Miss Dymond, 3 Manchester Terrace, Exeter,	1	1	0
Ed. Easton, Fletching, Wakefield,	1	0	0
B. Eekhout, 1 Prince's Terrace, Dowanhill, Glasgow,	10	0	0
Lord Provost and Town Council of Edinburgh,	152	10	0
Edinburgh International Exhibition, 1886,	957	11	2
Edinburgh and Leith Shipping Co.,	10	0	0
The Right Hon. the Earl of Eglinton,	25	0	0
William Elder Ellerton, Grange Loan, Edinburgh,	5	0	0
Sir Walter Elliot of Wolfelee, K.S.I., Hawick,	5	0	0
Thomas Ellis, Bridge of Allan,	1	0	0
T. W. Evans, 2 Queen Anne's Gate, London,	5	0	0
Professor Everett, Queen's College, Belfast,	5	0	0
Professor Cossar Ewart, Edinburgh,	10	10	0
Archibald Orr Ewing of Ballikinrain, M.P.,	20	0	0
H. E. Crum Ewing of Strathleven, Ardincaple Castle, Helensburgh,	5	0	0
Captain Fagan, H.M.S. Warrior,	1	1	0
Dr Andrew Fergus, Glasgow,	3	3	0
Ferguson & Sons, Bridge of Allan,	1	0	0
Miss M. H. Ferguson, Albyn Place, Aberdeen (small sums collected by),	3	13	6
William Ferguson of Kinmundy,	5	0	0
R. M. Ferguson, Ph.D., 12 Moray Place, Edinburgh,	4	4	0
Major Fielden, M.P., London,	2	2	0
E. Fiddes, 1 Queen Road, Aberdeen,	1	0	0
R. Field, 5 Cannon Row, London,	4	4	0
J. R. Findlay, 3 Rothesay Terrace, Edinburgh,	10	0	0
Miss Susan Stirling Findlay, 3 Rothesay Terrace (small sums collected by),	1	13	6
J. Finlayson, Merchiston, Johnstone,	5	0	0
The Worshipful Company of Fishmongers, London,	26	5	0
W. L. Fischer, St Andrews,	1	0	0
G. F. Fitzgerald, 40 Trinity College, Dublin,	1	0	0
Dr Fleming, 8 Napier Road, Edinburgh,	3	2	0
J. S. Fleming, 16 Grosvenor Crescent, Edinburgh,	3	3	0
Robert Fleming, Dundee,	1	1	0
Mrs Forbes of Culloden, Inverness,	5	0	0
Peter Forbes, 188 St Vincent Street, Glasgow,	5	0	0
Sir John Fowler, Braemore,	5	0	0
John Fraser, 13 Moray Place, Edinburgh,	5	0	0
Patrick Allan Fraser, Arbroath,	1	0	0
Dr Fraser, Paisley,	1	1	0
F. Frew, 166 Buchanan Street, Glasgow,	1	0	0
A Friend, C. S., R.S.,	1	1	0
A Friend, Dundee	1	1	0
A Friend,	1	0	0
A Friend, Port-Glasgow,	1	0	0
A Friend, Port-Glasgow,	10	0	0
Fulton & Sons, Glenfield,	5	0	0
A. Fulton, 86 George Street, Edinburgh,	1	1	0
J. Fulton, Clinton Road, Edinburgh,	18	0	0
Dr Andrew Fyfe, 42 Montpelier Square, London,	1	1	0
H. M. Fyfe, Clyde Place, Glasgow,	1	1	0
Miss F. Gair, The Kilns, Falkirk (collected by),	1	10	0
Professor Gairdner, Glasgow,	5	5	0
A. Galloway, Tighnault, Aberfeldy,	5	5	0
C. Gardiner, Union Bank, Glasgow,	10	0	0
J. Nielson Gardner, Paisley,	1	0	0
William Gardner, Glasgow,	5	0	0
Archibald Galbraith, Milngavie,	5	0	0
The Right Hon. the Earl of Galloway,	10	0	0
William Garnett, Low Moor, Clitheroe,	3	0	0
H. Chandos Pole-Gell, Hopton Hall, Wirksworth,	1	0	0
E. Gibb, 57 Buchanan Street, Glasgow,	2	2	0
Alexander Gibson, Advocate, Edinburgh,	3	3	0

	£	s.	d.
G. Gibson & Co., 64 Commercial Street, Leith,	6	6	0
Gillespie & Cathcart, Leith	2	2	0
D. Gillespie of Mountquhanie, Cupar,	1	0	0
Patrick Gillespie, 27 Bernard Street, Leith,	1	1	0
John Gillon & Co., Leith,	2	2	0
J. H. Gladstone, 17 Pembridge Square, London,	10	10	0
The Right Hon. the Earl of Glasgow,	10	0	0
Glasgow Underwriters' Association,	50	0	0
Sir Thomas Gladstone of Fasque,	5	0	0
Mrs Lake Gloag, Edinburgh,	1	0	0
John F. Gordon, London,	1	1	0
Alexander Gourlay, Broughty Ferry,	1	1	0
Gourlay Brothers, Dundee,	5	0	0
J. C. Graham, Islay,	1	0	0
Sir John Grant, Rothiemurchus, Aviemore,	5	0	0
Earl Granville, Foreign Office, London,	5	0	0
Professor Grant, Glasgow,	2	2	0
Alexander Gray, Clifton, Bristol,	2	0	0
Alexander Gray, 25 Greenhill Road, London,	2	0	0
E. A. Stuart Gray, Kinfauns Castle, Perth,	15	0	0
C. Greaves, 19 Surrey Street, London,	10	10	0
Magistrates & Town Council, Greenock,	10	0	0
Walter Grieve, Greenock,	5	0	0
John Grieve, M.D., Glasgow,	4	4	0
J. & A. D. Grimmond, Dundee,	15	10	0
Sir G. Waldie Griffiths, Bart., Kelso,	5	0	0
John Guild, Dundee,	1	1	0
J. Wyllie Guild, 65 St Vincent Street, Glasgow,	5	0	0
Dr Gunning,	100	0	0
Mrs Hadwen, Bel Blair,	1	1	0
W. H. Haig, Broomfield, Davidson's Mains,	1	1	0
Claud Hamilton, Preston House, Dalkeith,	7	0	0
Robert Hampson, The Glassert, Aberfoyle,	2	2	0
Anthony Hannay, Glasgow,	3	3	0
J. Hardie, 18 Renfield Street, Glasgow,	1	0	0
H. C. Hardy, Fletching,	1	0	0
John Hargreaves, Maiden Erlegh, Reading,	4	2	0
J. P. Harrington, 3 South Hanover Street, Glasgow,	2	2	0
Dr Harris, Heeme, Worthing,	2	0	0
W. J. Harris, 26 Marine Parade, Worthing,	3	0	0
W. Harvie of Brownlee, Carluke,	5	3	0
Admiral Sir John D. Hay, Bart., M.P., London,	1	0	0
John Harvie, Dundas Hill,	5	0	0
W. J. Hay of Duns Castle,	15	0	0
James Hedderwick, *Citizen* Office, Glasgow,	3	3	0
Professor Heddle, St Andrews,	2	2	0
G. Hedley, Burnhopeside, Durham,	5	0	0
Alexander Henderson, Dundee,	10	10	0
John Henderson, Crown Terrace, Glasgow,	5	0	0
Henderson Brothers, "Anchor" Line,	40	0	0
D. & W. Henderson & Co., Glasgow,	40	0	0
Miss Maggie Henderson, Castle Hill, Ayr (collected by),	15	0	0
P. Henderson & Co., Glasgow,	20	0	0
C. A. Hendry, Inverness,	1	1	0
Isaac Anderson Henry, Hay Lodge, Trinity,	5	0	0
Robert Herdman, St Bernard's, Bruntsfield Crescent, Edinburgh,	2	2	0
Professor Herdman, University College, Liverpool,	1	0	0
Charles H. Higgins, Alfred House, Birkenhead,	1	1	0
Miss Hill, 17 Heriot Row, Edinburgh,	1	0	0
James H. Hindle, 67 Avenue Parade, Accrington, Lancashire,	1	1	0
Matthew Hodgart, Paisley,	2	10	0
A. W. Hogg, Greenock,	1	0	0
Samuel Hollins, Sion House, Stourbridge,	1	0	0
D. Milne Home of Milne-Graden, Coldstream,	195	0	0
Miss Georgina Milne Home, do.,	1	0	0
Miss Susan Milne Home, do.,	1	0	0
Miss G. Milne Home, do.,	1	0	0
Lieut.-Col. Milne Home of Wedderburn, M.P.,	1	0	0
The Earl of Home, Douglas Castle, Lanark,	10	0	0
James Hope, 42 Charlotte Square, Edinburgh,	1	1	0
Earl of Hopetoun,	5	0	0
John Hope, 31 Moray Place, Edinburgh,	10	0	0
Mrs Horn, 7 Randolph Crescent, Edinburgh,	2	0	0
Capt. Hotham, R.N., C.B., Milne-Graden, Coldstream,	1	1	0
William Houldsworth, Mount Charles, Ayr,	55	0	0
G. L. Houston, Johnstone Castle,	2	2	0
Dr Howden, Sunnyside, Montrose,	1	0	0
Alexander Howe, W.S., 17 Moray Place, Edinburgh,	10	0	0
Henry Hudson, M.D., Glenville, Fermoy,	7	0	0
W. Hume, 1 Lothian Street, Edinburgh,	1	1	0
James Hunter, Drylaw House,	1	1	0
Robert Hunter, 10 Ainslie Place, Edinburgh,	8	0	0
Professor Huxley, London,	2	2	0
Sir H. D. Ingleby, Ripley Castle, Yorkshire,	5	0	0
Charles S. Inglis, 12 Dick Place, Edinburgh, (small sums collected by),	3	0	0
The Right Hon. John Inglis, Lord Justice-General, Edinburgh,	10	0	0
John Inglis & Sons, Leith,	1	1	0
Magistrates and Council of Inverness,	10	0	0
Miss Ivory, St Roque, Edinburgh,	1	0	0
Professor Jack, Glasgow,	5	5	0
Major R. Jackson, St Andrews,	2	2	0
Jaffé Brothers & Co., Dundee,	5	5	0
R. Jardine, M.P., Castlemilk, Lockerbie,	20	0	0
David Jeffrey, 14 Randolph Crescent, Edinburgh,	50	0	0
Charles Jenner, Easter Duddingston,	108	3	0
Sir W. Johnston, Kirkhill House, Gorebridge,	3	2	0
W. A. K. Johnston, Edinburgh,	8	0	0
William Jolly, Pollokshields, Glasgow,	1	1	0
Dr Joule, 12 Wardle Road, Sale, Manchester,	2	2	0
P. Joynson, Altsheith, Aberfoyle,	2	0	0
F. T. R. Kennedy of Dunure, Dalquharran, Maybole, Ayrshire,	2	0	0
James Keillor & Co., Dundee,	10	10	0
John Kennedy, 71 Great King Street, Edinburgh,	4	3	0
R. Ker, Milngavie,	5	0	0
T. R. Ker, Milngavie,	2	0	0
James King of Levernholm,	2	2	0
Lord Provost King, Glasgow,	10	0	0
The Royal Burgh of Kinghorn,	2	2	0
Stephen P. Kinnaird, 17 Kensington Palace Gardens, London,	1	1	0
C. G. H. Kinnear, 12 Grosvenor Cresc., Edinburgh,	1	0	0
Lord Kinnear, 2 Moray Place,	4	0	0
C. G. H. Kinnear, 12 Grosvenor Cresc., Edinburgh,	1	1	0
Town Council of Kirkcaldy,	2	2	0
John Kirkhope, 22 Queensferry Street, Edinburgh,	2	2	0

	£	s.	d.
J. Kirkpatrick, M.D., 22 Magdala Crescent, Edinburgh,	2	1	0
Z. R. K. (small sums collected by),	1	5	0
Dr Knott, 2 Lauriston Park, Edinburgh,	2	2	0
Anderson Kirkwood, LL.D., Glasgow,	25	0	0
John Kirsop, Glasgow,	2	2	0
David Laidlaw, Skelmorlie,	15	0	0
J. W. Laidlaw of Seacliffe,	100	0	0
A. B. Laird, 17 Frederick Street, Edinburgh,	1	0	0
J. Laird, Port-Glasgow,	1	0	0
Miss Lake, Edinburgh,	1	0	0
J. Lamont of Knockdow, Argyll,	5	0	0
Professor Scott Lang, St Andrews,	1	0	0
J. Law, 41 Heriot Row, Edinburgh,	1	0	0
Law & Co., Glasgow,	1	0	0
Edwin Lawrence, 10 Kensington Palace Gardens, London,	5	0	0
Mrs Leckie, 4 Gayfield Square, Edinburgh,	3	3	0
Miss C. Leckie, 4 Gayfield Square, Edinburgh,	1	1	0
Alex. H. Lee, Blairhoyle, Stirling,	3	3	0
Dr Lees, 12 Morningside Place, Edinburgh,	6	1	0
James Lees, Oatlands, Galashiels,	2	2	0
General Lefroy, 82 Queen's Gate, London,	2	2	0
John Leitch, Greenock,	1	0	0
A. Leith of Treefield, Marine House, Banff,	3	2	0
Bailie Leith, Greenock,	1	0	0
Magistrates and Council of Leith,	19	14	0
Leith Dock Commission,	60	0	0
James Leslie, C.E., 2 Charlotte Square, Edinburgh,	17	5	0
J. & A. Leslie & Reid, 72 George St., Edinburgh,	5	0	0
D. Lester, 58 Renfield Street, Glasgow,	1	0	0
C. Lindsay, Ridge Park, Lanark,	1	0	0
Little & Co., Buchanan Street, Glasgow,	5	0	0
Liverpool & Hamburg Steamship Co.,	25	0	0
Colin Livingston, Fort-William,	1	1	0
J. Livingstone, 8 Strathearn Road,	3	1	0
Captain W. Elliot Lockhart of Borthwick Brae,	1	1	0
The Court of Common Council, City of London,	26	5	0
London & Edinburgh Shipping Co.,	45	0	0
Peter Loney, Marchmont, Duns (collected by),	6	0	0
Captain S. Long, Broomfield House, Hertford,	1	1	0
Colonel Longstaff, Wimbledon,	5	0	0
Dr Lorn, 27 Drummond Place, Edinburgh,	4	2	0
John Love, Greenock,	1	0	0
Andrew Lowson, Arbroath,	1	0	0
D. Lumsden, Pitcairnfield, Perth,	5	0	0
L. Lyell, Kinnordy, Kirriemuir,	10	0	0
Abram Lyle & Sons, Greenock,	1	0	0
John Lyle & Sons, Greenock,	1	0	0
H. Lyon, 24 Forth Street, Edinburgh,	2	1	0
W. M'Auslane, Musselburgh (small sums collected by),	1	0	0
D. MacBrayne, Hope Street, Glasgow,	20	0	0
John M. M'Candlish, 27 Drumsheugh Gardens, Edinburgh,	5	0	0
G. M'Callum, Rosebank, Cambuslang,	1	0	0
Treasurer M'Cann, Greenock,	1	0	0
A. S. M'Clelland, C.A., Glasgow,	5	0	0
William M'Clure, Greenock,	1	0	0
Councillor Maconie, Greenock,	1	0	0
W. R. M'Dirmid, 8 Palmerston Place, Edinburgh,	1	1	0
Macdonald, Hutchison, & Co., Greenock,	2	0	0
D. P. MacDonald, Invernevis, Fort-William,	6	1	0
W. K. Macdonald, Town Clerk, Arbroath,	1	0	0
John M'Donnell, M.D., 32 Upper Fitzwilliam Street, Dublin,	4	0	0
James M'Douall, Logan, Stranraer,	5	0	0
D. Macdougall, Greenock,	1	0	0
G. R. M'Dougall, Greenock,	1	0	0
W. M'Ewan, 4 Manor Place, Edinburgh,	100	0	0
J. F. Macfarlane & Co., 17 North Bridge, Edinburgh,	15	10	0
J. Macfie, 14 Hope Terrace, Edinburgh,	6	1	0
David J. Macfie, Borthwick Hall, Heriot,	4	0	0
Robert Macfie of Airds,	57	6	0
R. A. Macfie of Dreghorn,	13	10	0
M'Gregor, Thomson, & Co., Glasgow,	1	0	0
Councillor Macgregor, Greenock,	1	0	0
J. Macgregor, Greenock,	5	0	0
Rev. Dr Macgregor, 11 Cumin Place, Edinburgh,	1	1	0
Councillor M'Innes, Greenock,	1	0	0
Lieut-Colonel M'Inroy, The Burn, Brechin,	5	0	0
Jas. B. M'Intosh, 11 Dean Park Crescent, Edinburgh,	3	3	0
Dr Macintyre, Fort-William,	1	1	0
George G. Mackay, Grangemouth,	2	0	0
George G. Mackay, Grangemouth (small sums collected by),	1	10	0
John S. Mackay, Grangemouth,	2	0	0
Sheriff Mackay, 7 Albyn Place, Edinburgh,	1	1	0
William Mackay, Inverness,	1	1	0
W. M'Kinnon & Co., Glasgow,	10	0	0
Hew M'Kenraith, Greenock,	1	0	0
A. K. Mackenzie, 19 Grosvenor Crescent, Edinburgh,	4	1	0
M'Kenzie Brothers, Paisley,	2	2	0
N. B. M'Kenzie, Fort-William,	1	1	0
Miss Maclagan, 28 Heriot Row, Edinburgh,	1	0	0
Sir Douglas Maclagan, 28 Heriot Row, Edinburgh,	10	0	0
Dr Craig Maclagan, Edinburgh,	4	2	0
D. Douglas Maclagan, Edinburgh,	1	0	0
Peter M'Lagan, M.P., Clifton Hall, Ratho,	5	0	0
John M. Landsborough, Manningham, Bradford,	2	2	0
David Maclay, 169 West George Street, Glasgow	1	1	0
Lord M'Laren, Edinburgh,	9	4	0
D. A. M'Laren, Grangemouth,	2	0	0
P. M'Laurin, Cartside, Paisley,	1	1	0
Daniel M'Leish, Fort-William,	1	1	0
P. & W M'Lellan, 58 Renfield Street, Glasgow,	10	0	0
Hubert M'Leod, Cooper's Hill, Staines,	2	2	0
W. B. Macleod,	1	1	0
J. Macnair, 33 Moray Place, Edinburgh,	5	0	0
Duncan Macniven, Fort-William,	1	1	0
C. J. B. M'Pherson, Bellivillie House, Kingussie,	1	0	0
Hugh Macpherson, Grangemouth,	1	0	0
T. B. M'Ritchie, 4 Gayfield Square, Edinburgh,	1	1	0
Miss MacRitchie, 4 Gayfield Square, Edinburgh,	3	3	0
David M'Ritchie, 4 Archibald Place, Edinburgh,	2	1	0
W. E. Malcolm, Burnfoot, Langholm,	1	0	0
Hugh Mair, London,	1	0	0
The Lady Marjoribanks of Ladykirk,	5	0	0
Miss Manson, Victoria Villa, Nairn,	1	0	0
Francis Marshall, 16 Carlton Terrace, Edinburgh,	15	0	0
Blyth Martin, Dundee,	1	1	0
E. Martin, M.D., England,	1	0	0
Lord Provost Martin, Perth,	1	1	0
William Mason National Bank, Jedburgh (small sums collected by),	2	1	6

	£	s.	d.
Sir James D. Marwick, Town Clerk, Glasgow,	10	5	0
Edward Mawley, London,	1	1	0
Dr Meikle, Crieff,	1	0	0
Henry Mellish, Hodsock Priory, Worksop,	22	0	0
A Member,	1	0	0
J. Menzies, Benavie, Fort-William,	2	2	0
Allan Miller, Fort-William,	1	0	0
James Miller & Sons, Leith,	10	0	0
O. G. Miller, Dundee,	1	1	0
Sir W. Miller of Manderston,	100	0	0
T. P. Miller, The Cairns, Cambuslang, Glasgow,	20	0	0
William Miller, 59 George Square, Edinburgh,	1	0	0
R. Milne, Woodhill, St Andrews,	5	0	0
Admiral Sir Alex. Milne, Bart, G.C.B., Inveresk,	20	0	
John Milne, Milton House, Edinburgh,	6	1	0
J. B. Mirlees, Glasgow,	10	0	0
Sir Arthur Mitchell, 34 Drummond Place, Edinburgh,	10	0	0
Sydney Mitchell, 122 George Street, Edinburgh,	1	1	0
George Moffat, 136 Buchanan Street, Glasgow,	1	1	0
Dr Moir, Castle Street, Edinburgh,	1	1	0
Richard Moller, Manchester,	1	0	0
Provost Moncur, Dundee,	5	5	0
Colonel Moncrieff, London,	2	2	0
Lord Moncreiff, 15 Great Stuart Street, Edinburgh,	80	0	0
Dean Montgomery, 17 Athol Crescent, Edinburgh,	1	1	0
J. C. Moore, Corswall, Stranraer,	10	0	0
John W. Moore, M.D., 40 Fitzwilliam Square, Dublin,	1	0	0
Earl of Moray,	50	0	0
Morrison & Gibb, 11 Queen Street, Edinburgh,	4	4	0
C. Morton, W.S., 11 Palmerston Road, Edinburgh,	12	5	0
James Morton, Greenock,	2	2	0
Rev. J. J. Moss, East Lydford, Somerset,	10	0	0
John Muir, Banker, Arbroath,	1	0	0
A. Erskine Muirhead, Crossmyloof, Glasgow (collected by),	3	16	0
Dr Henry Muirhead, Bushy Hill, Cambuslang,	41	0	0
R. Muirhead, Joppa, Portobello,	5	5	0
Professor Muirhead, 4 Drumsheugh Gardens, Edinburgh,	1	0	0
R. W. Munro, Granville Works, London,	2	2	0
James Murdoch, Port-Glasgow,	1	0	0
John Murdoch, Fort-William,	1	0	0
Murray, Beith, & Murray, W.S., 43 Castle Street, Edinburgh,	9	5	0
A. Graham Murray, 7 St Colme Street, Edinburgh,	1	0	0
David Murray, 169 West George Street, Glasgow,	12	2	0
John Murray, "Challenger" Office, Edinburgh,	5	0	0
T. G. Murray, 11 Randolph Crescent, Edinburgh,	5	0	0
George C. Myers, Town Clerk, Montrose,	1	1	0
John Napier, 23 Portman Square, London,	2	2	0
J. S. Napier, 8 Grosvenor Street, Edinburgh,	1	0	0
R. Asshetor Napier, Glasgow,	1	0	0
Councillor Neill, Greenock,	2	0	0
George D. Neill, Greenock,	1	0	0
R. P. Neill, Greenock,	1	0	0
W. J. Neill, Greenock,	1	0	0
Thomas Nelson & Sons, Parkside, Edinburgh,	60	0	0
R. S. Newall, Jerndene, Gateshead-on-Tyne,	5	0	0
Mrs Nichol, Huntly Lodge, Edinburgh,	14	4	0
Sir Molyneux Nepean,	1	0	0
C. Neute, 4 Victoria Street, London,	1	1	0
John Noble, Park Place, Henley-on-Thames,	5	0	0
Captain F. M. Norman, Chievot House, Berwick,	1	1	0
Professor Odling, Oxford,	1	1	0
Miss Ogilvie, 18 Buckingham Terrace, Edinburgh,	2	2	0
W. Ogilvie, 1 Doune Terrace, Glasgow,	3	2	0
R. D. Oliphant, Greenock,	1	0	0
W. R. Oliphant, Greenock,	1	0	0
Mrs Omond, 43 Charlotte Square, Edinburgh,	90	0	0
R. T. Omond, Ben Nevis Observatory,	50	0	0
Orrock & Sons, Edinburgh,	1	1	0
T. L. Paterson, Greenock	1	0	0
R. W. Cochrane-Patrick, M.P.,	1	1	0
Dr Liston Paul, Queensborough Terrace, London,	2	0	0
D. Bruce Peebles, Tay House, Bonnington, Edinburgh,	1	1	0
J. Grant Peterkin of Grange, Forres,	5	0	0
Royal College of Physicians, Edinburgh,	52	10	0
A. Pirie, Eyemouth (collected by, from 112 persons in sums varying from 5s. to ½d.),	6	1	0
Rev. David Playfair, 8 Greenhill Park, Edinburgh,	1	0	0
Henry D. Pochin, Bodnaut Hall, Conway,	3	3	0
John M. Pollock, Greenock,	1	0	0
Thomas Prentice, Greenock,	1	0	0
J. Prestwick, 35 St Giles', Oxford,	1	0	0
W. J. Pritchard, Charlton House, Ludwell, Salisbury,	1	1	0
M. R. Pryor, 12 Great Winchester Street, London,	5	0	0
Robert Pryor, London,	1	0	0
S. R. Pryor, London,	1	0	0
Dr A. Pullar, Merchiston, Edinburgh,	2	2	0
Edmund Pullar, Bridge of Allan,	4	4	0
James F. Pullar, Rosebank, Perth,	35	10	0
John Pullar, Brae Lodge, Bridge of Allan,	3	3	0
Laurence Pullar, The Lea, Bridge of Allan,	5	5	0
Robert Pullar of Tayside, Perth,	150	0	0
J. Purser, Queen's Cottage, Belfast,	2	2	0
W. T. Radford, M.D., Sidmouth,	1	1	0
Dr Rae, Stockbridge,	1	1	0
Richard Raimes, Bonnington Park, Edinburgh,	2	2	0
W. Surtees Raine, 9 St John's Terrace, Weymouth,	1	0	0
C. J. Ramsay, Greenock,	1	0	0
Sir J. Ramsden, Ardvirikie, Kingussie,	10	10	0
Sir J. Ramsden of Barrow	10	0	0
John Ramsay of Kildalton, M.P.,	3	0	0
James Rankin, M.P., Bryngwyn,	3	3	0
Rev. Francis Redford, Silloth,	1	1	0
G. Redpath, 7 Morton Street, Leith,	3	2	0
J. Reid, C.E., Rosemount, Edinburgh,	4	0	0
Prof. Reilly, Royal College of Science, Dublin,	1	0	0
C. Bine Renshaw, Barochan, Houston,	25	0	0
C. Bine Renshaw, Barochan, Houston (small sums collected by),	3	0	6
J. Hall Renton, 39 Park Lane, London,	10	0	0
W. Renwick, Milne-Graden (small sums collected by),	1	1	6
Adam B. Richardson, 16 Coates Crescent, Edinburgh,	4	4	0
J. Richardson & Co., Greenock,	5	0	0
Ralph Richardson, W.S., Edinburgh,	10	0	0
Dr Peel Ritchie, 1 Melville Crescent, Edinburgh	2	0	0
His Grace the Duke of Richmond and Gordon, K.G.,	100	0	0

	£	s.	d.
Dr Argyll Robertson, 18 Charlotte Square, Edinburgh,	1	1	0
R. W. Robertson, Greenock,	5	0	0
Robertson & Orchar, Dundee,	23	13	0
Ex-Provost Robertson, Dundee,	10	10	0
William Robson, 8 George Street, Edinburgh,	10	0	0
M. E. Robinson, 6 Park Circus, Glasgow,	10	0	0
John Rodger, Greenock,	1	0	0
J. J. Rogerson, Merchiston Castle, Edinburgh,	4	4	0
John Romanes, 7 Nelson Street, Edinburgh,	1	0	0
R. Romanes of Harryburn, Lauder,	3	0	0
James Ronald, 3 Little Law Lane, London,	5	5	0
Dr Edward Ronalds, Bonnington House, Edinburgh,	25	0	0
Ronald, Jack, & Co., Paisley,	15	0	0
J. W. Rose, Reedham, Great Yarmouth,	4	4	0
Hugh Rose, jun., Kilravoch Lodge, Edinburgh,	10	0	0
The Right Hon. the Earl of Rosebery,	50	0	0
Alexander Ross, Architect, Inverness,	1	1	0
Earl Rosse, Birr Castle, Parsonstown, Ireland,	1	0	0
P. Rottenburg, Holmhirst, Glasgow,	5	0	0
John Roughead, Princes Street, Edinburgh,	2	2	0
David Rowan, Glasgow,	2	2	0
Warren De La Rue, 73 Portland Place, London,	30	0	0
R. Cooper Rundell, Underwriters' Rooms, Glasgow,	1	1	0
W. W. Rundell, Exchange Buildings, Liverpool,	3	3	0
James B. Russell, M.D., 1 Montrose Street, Glasgow,	4	4	0
Dr Russell, Canaan Lane, Edinburgh,	1	1	0
James Russell, Dundas Castle,	5	0	0
Joseph Russell, Glasgow,	2	2	0
J. G. F. Russell of Aden,	2	2	0
Professor Rutherford, Edinburgh,	3	3	0
Russell & Co., Port-Glasgow,	10	0	0
Thomas Russell, Bridge of Allan,	1	0	0
Colonel Sandeman, Dundee,	1	1	0
Archibald Sandeman, Garry Cottage, Perth,	5	0	0
Hector Sandeman, Garry Cottage, Perth,	1	0	0
Professor Sandeman, Garry Cottage, Perth,	5	0	0
Dr Sanderson, 8 Manor Place, Edinburgh,	5	0	0
Dr Sanderson, Musselburgh,	1	1	0
W. A. Sanderson, Byethorne, Galashiels,	3	2	0
Frederick E. Sawyer, 53 Buckingham Place, Brighton,	1	1	0
Archibald S. Schaw, Park Circus, Glasgow,	25	0	0
Prof. A. Schuster, Owen's College, Manchester,	5	5	0
James H. Sclater, Nevich Park, Lewis, Sussex,	1	0	0
Scott & Co., Greenock,	10	0	0
Alexander Scott & Sons, Greenock,	2	0	0
Dr Scott, Musselburgh,	1	1	0
James Robson Scott of Scotch Belford, M.D.,	2	2	0
Mrs Corse Scott, Sinton, Hawick,	2	0	0
The Earl of Selkirk, St Mary's Isle, Kirkcudbright,	25	0	0
Bailie Shankland, Greenock,	1	0	0
James Shanks, Den Iron Works, Arbroath,	1	0	0
John Sharp, Dundee,	30	0	0
Councillor Shearer, Greenock,	1	0	0
The Right Hon. the Earl of Sheffield,	1	0	0
J. B. Sherriff, Kingairloch,	10	0	0
John E. Sibbald, 8 Ettrick Road, Edinburgh,	2	0	0
Dr Sibbald, 3 St Margaret's Road, Edinburgh,	1	1	0
James Sibbald, do.	1	1	0
Sir W. Siemens, President of the British Association,	100	0	0
Sheriff Simpson, Fort-William,	1	1	0
Professor Simpson, 52 Queen Street, Edinburgh,	10	5	0
Sir Walter Simpson, 3 Belgrave Crescent, Edinburgh,	1	1	0
Dr Sinclair Loviston,	1	0	0
William Skinner, 35 George Square, Edinburgh,	6	0	0
Arthur Skivington, Greenock,	1	0	0
J. Slater, junior, Greenock,	2	0	0
Alexander Smith, Banker, Methlic,	1	1	0
A. Gillies Smith, 35 Drumsheugh Gardens, Edinburgh,	5	0	0
Dr Angus Smith, Manchester,	5	0	0
Duncan Smith, Glasgow,	10	0	0
J. Hector Smith, 33 Drumsheugh Gardens, Edinburgh,	1	1	0
Mrs Henry Smith, The Orchard, Swanley, St Mary Cray,	3	2	0
J. Irvine Smith, 20 Great King Street, Edinburgh,	7	2	0
James Smith, Benvue, Dowanhill, Glasgow,	1	1	0
Rev. C. Smith, Inveresk, Musselburgh,	1	1	0
J. Turnbull Smith, C.A., 5 Belgrave Place, Edinburgh,	9	4	0
J. Chalmers Smith, St Helen's Bray, County, Wicklow,	1	1	0
Professor Robertson Smith, Cambridge,	2	2	0
R. M. Smith, Edinburgh,	60	0	0
R. M. Smith, Edinburgh, Legacy from,	500	0	0
T. Smith, Ashwood, Dundee,	3	3	0
Warrington W. Smith, 5 Inverness Terrace, London,	2	2	0
W. Anderson Smith, Ledaig, Argyll,	1	1	0
Right Hon. W. H. Smith, 3 Grosvenor Place, London,	5	0	0
Patrick Smollett of Bonhill,	2	0	0
William Spottiswoode, 41 Grosvenor Place, London,	5	0	0
T. B. Sprague, 29 Buckingham Terrace, Edinburgh,	40	0	0
Lord Stafford, Stafford House, London,	5	0	0
H. T. Stainton, Mountsfield, Lewisham,	5	0	0
Earl of Stair, Bargany, Girvan,	15	0	0
W. Spenser Stanhope, Cameron Hall, Barnsley,	2	2	0
John Steedman, Solicitor, Selkirk,	1	0	0
Miss Stevenson, 43 Charlotte Square, Edinburgh (collected by),	2	4	10
J. J. Stevenson, The Red House, London,	3	0	0
Miss L. Stevenson, 13 Randolph Crescent, Edinburgh,	2	1	0
David Stevenson, jun., 84 George Street, Edinburgh,	1	1	0
James Stevenson, Largs,	155	0	0
T. Stevenson, M.I.C.E., 17 Heriot Row, Edinburgh,	5	0	0
Miss Steven of Bellahouston, Glasgow,	10	0	0
Professor Balfour Stewart, Manchester,	2	2	0
John Stewart, 88 George Street, Edinburgh,	1	1	0
Mark J. Stewart, Ardwell,	3	3	0
John Stewart, 1 St Andrew Square, Edinburgh,	1	0	0
Captain Stewart, Sweet Hope, Musselburgh,	1	0	0
James Stewart, M.P., Greenock,	5	0	0
Walter Stewart, Caledonian Distillery, Edinburgh,	1	1	0
Dr Stirling, Kippendavie,	1	1	0
Professor Swan, Ardchapel, Helensburgh,	15	5	0
W. Sveinbjornsson, 1 Lonsdale Terrace, Edinburgh,	1	1	0

	£	s.	d.
James Syme, British Linen Bank, Edinburgh,	2	1	0
James Syme, Millbank,	5	0	0
Miss M. G. Tait (small sums collected by),	3	5	0
Professor Tait, Edinburgh,	4	4	0
W. A. P. Tait (small sums collected by),	2	10	0
J. W. Tawse, W.S., 23 York Place, Edinburgh,	3	3	0
Taylor, Laughland, & Co., Glasgow,	2	2	0
Bailie Taylor, Dundee,	1	1	0
Hugh Taylor, Dowanside, Glasgow,	2	1	0
Thomas Taylor, Dundee,	3	3	0
Templeton & Co., Glasgow,	20	0	0
G. Templeton & Sons, Glasgow,	10	0	0
Sir Chas. Tennant of The Glen,	40	0	0
The British Association,	525	0	0
The Meteorological Council,	700	0	0
A. F. Thistlethwayte, Kinloch Lodge, Fort-William,	25	0	0
R. W. Thom, Glasgow,	1	0	0
Sheriff Thoms, 52 Great King Street, Edinburgh,	12	0	0
G. H. Thomson, M.D., Clifton,	3	0	0
Professor Sir W. Thomson, Glasgow,	27	0	0
Thomson, M'Gregor, & Co., Glasgow,	1	0	0
T. Thomson, Exchange Buildings, Glasgow,	7	10	0
Wm. Thorburn, 12 Buckingham Terrace, Edinburgh,	2	1	0
Mrs Torrance, Norton House, Warrington,	4	0	0
R. Jamieson Torrie, 1 Glenfinlas Street, Edinburgh,	1	1	0
Lord Trayner, 27 Moray Place, Edinburgh,	2	2	0
Dr Treutler, Fletching, Uckfield,	1	1	0
Coutts Trotter, 17 Charlotte Square, Edinburgh,	1	0	0
Commander Tufnell, Dollars House, Hurlford,	1	0	0
James Tullis, Rosebank, Cambuslang,	1	0	0
Lieut.-Col. Turbervill, Ewenry Priory, Bridgend,	1	0	0
Andrew H. Turnbull, Whitehouse Loan, Edinburgh,	2	2	0
John Turnbull, 58 Frederick Street, Edinburgh,	1	1	0
J. Turnbull of Abbey St Bathans,	5	0	0
Matt. J. Turnbull, M.D., Coldstream,	2	2	0
Professor Turner, Edinburgh,	3	3	0
Professor Tyndal, Royal Institution, London,	2	2	0
The Hon. Lord Provost Ure, Glasgow,	25	0	0
Andrew Usher & Co., West Nicolson Street, Edinburgh,	20	0	0
J. & J. Usher, Edinburgh,	5	5	0
G. S. Veitch, Bank of Scotland, Paisley,	1	1	0
Rev. W. Douglas Veitch, Elioch, Sanquhar,	5	5	0
Miss Veitch, Elioch, Sanquhar,	5	0	0
Miss Vicary, Warminster,	5	0	0
J. Walker & Co., Greenock,	3	0	0
Harry Walker & Sons, Dundee,	20	10	0
James Walker of Dalry,	3	0	0
Lawson Walker, Greenock,	11	0	0
James Wallace, Greenock,	2	0	0
Mrs Wallace, Glassingall,	5	0	0
Sir George Warrender, Bruntsfield House, Edinburgh,	1	1	0
George Waterston & Sons, 56 Hanover Street, Edinburgh,	1	1	0
A. Watson, Bank Agent, Fraserburgh,	1	1	0
J. Watson, 45 Charlotte Square, Edinburgh,	9	2	0
James Watson & Co., 26 Renfield Street, Glasgow,	15	10	0
Sir James Watson, Glasgow,	2	2	0
Watson Brothers, 5 Oswald Street, Glasgow,	5	0	0
J. Watson, 2 Oswald Road, Edinburgh,	2	2	0
Dr P. H. Watson, 16 Charlotte Square, Edinburgh,	2	2	0
Professor Morrison Watson, Owen's College, Manchester,	1	0	0
David Watters, Montrose House, Grange Loan, Edinburgh,	2	2	0
Merve G. Weinberg, Dundee,	5	5	0
Robert Weir, 17 Royal Terrace, Edinburgh,	1	1	0
The Earl of Wemyss, Gosford House, Longniddry,	50	0	0
J. A. Wenley, 5 Drumsheugh Gardens, Edinburgh,	5	0	0
J. Martin White, Springrove, Dundee,	25	0	0
The Misses White, 4 Lansdowne Crescent, Edinburgh,	13	0	0
George Whitfield, Hamsey, West Lewis, Sussex,	2	2	0
Dr Whyte, 52 Melville Street, Edinburgh,	5	0	0
J. Stone-Wigg, Estcourt, Tunbridge Wells,	10	0	0
Wigham & Vernon, 129 George Street, Edinburgh,	1	1	0
John K. Wigham, Chapel Street, Dublin,	1	0	0
John Wilkie of Foulden,	1	0	0
Phillip Williams, Hinstock, Market Drayton,	1	0	0
George Williamson, 5 Chamberlain Road, Edinburgh,	2	0	0
R. C. Williamson, 6 Moray Place, Edinburgh,	6	0	0
Stephen Williamson, M.P., St Andrews,	5	0	0
George Wilson, S.S.C., 16 Minto Street, Edinburgh,	1	0	0
G. Fergusson Wilson, Heatherbank, Werbridge,	2	2	0
J. Wilson,	1	1	0
T. J. Wilson, S.S.C., 30 Queen Street, Edinburgh,	3	3	0
Thomas Wilson, Rivers Lodge, Harpendean,	1	0	0
Admiral Thomas Wilson, C.B., 46 Palmerston Place, Edinburgh,	5	1	0
Provost Wilson, Greenock,	1	0	0
E. T. Wood, Brinscall,	2	2	0
William Wood, C.A., 4 Oxford Terrace, Edinburgh,	5	0	0
Samuel Woodhouse, Norley Hall, Frodham,	5	0	0
J. C. Wright, 30 Castle Street, Edinburgh,	2	2	0
A. Wylie of Prinlaws, Leslie,	1	1	0
Wylie & Lochhead, Glasgow,	7	2	0
Y. L.,	2	0	0
A. Young, 22 Elm Row, Edinburgh,	1	1	0
James Young of Kelly,	200	0	0
J. Youngclause, Lighthouse, Monach (collected by),	1	0	0
Robert Younger, St Ann's Brewery, Edinburgh,	5	3	0
William Younger, Anchen Castle, Moffat,	5	0	0
William Younger & Co., Edinburgh,	20	0	0
Colonel Henry Yule, 3 Pen-y-wern Road, London,	1	0	0
Sir George Yule, 30 Clanricarde Gardens, London,	2	0	0
The Right Hon. The Earl of Zetland,	50	0	0
Sums under One Pound,	38	19	6
Subscriptions received at Observatory :—			
George Bray,	1	0	0
J. Brown,	1	0	0
L. Colsor, Bridport,	1	0	0
Charles W. Cowan, Penicuik,	5	0	0
Dr Harker,	5	0	0
H. M. C.,	2	2	0
C. S. Inglis,	1	13	0
Thomas Lundy,	1	0	0
A. L. Rotch, Blue Hill Observatory, Boston, U.S.,	5	0	0
Sir Richard Wallace,	10	0	0
Mrs Ward, Manchester,	1	1	0
Sums under £1,	5	14	6

BRITISH MUSEUM

Fig 1.

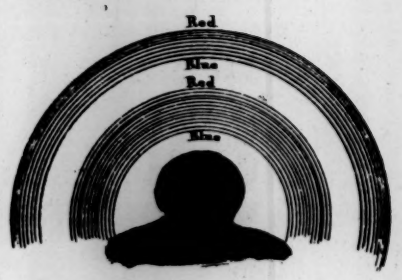


Fig 2.

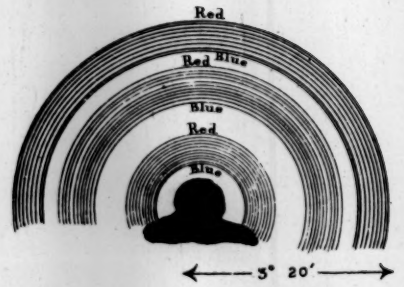


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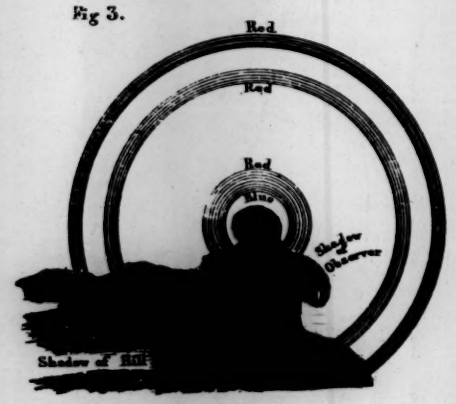


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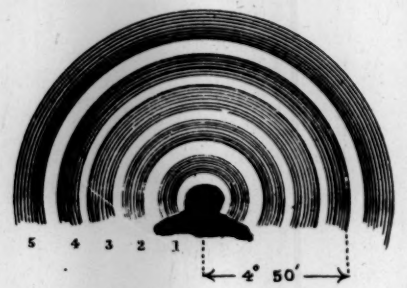


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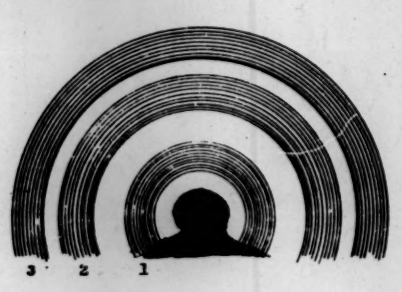


Fig 6.

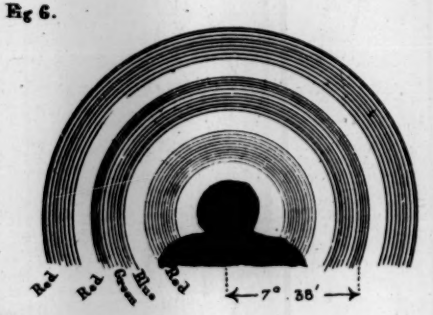


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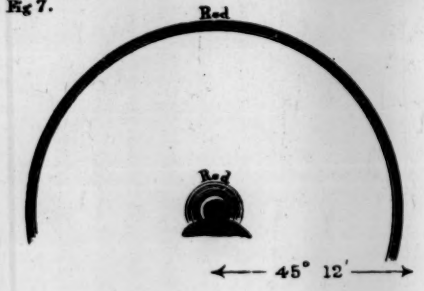


Fig.		Corresponding Dates.	
1	..	1	December, 1883
2	..	17	June, 1884
3	..	18	June, 1884
4	..	23	November, 1884
5	..	11	November, 1885
6	..	16	November, 1885
7	..	14	February, 1886
8	..	22	October, 1886
9	..	30	December, 1886
10	..	8	January, 1887
11	..	6	March, 1887
12	..	,,	,,
13	..	,,	,,
14	..	13	May, 1887
15	..	3	June, 1887
16	..	21	August, 1887

Fig 8.

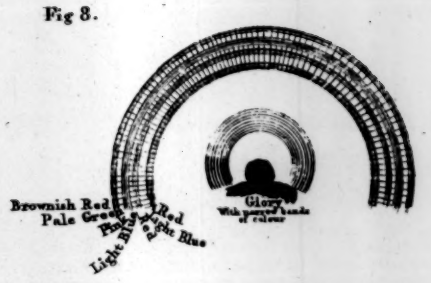


Fig 9.

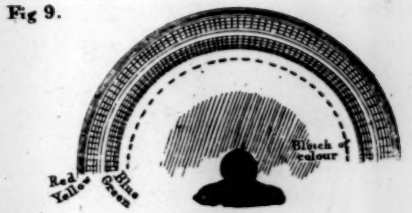


Fig 10.



Fig 11.

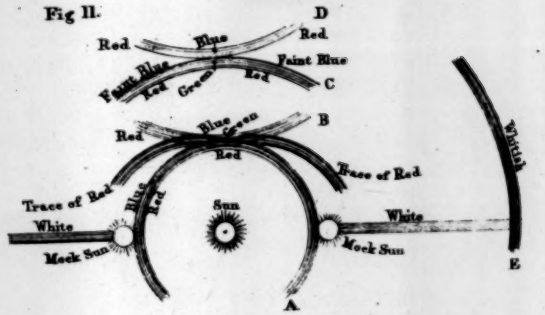


Fig 12.

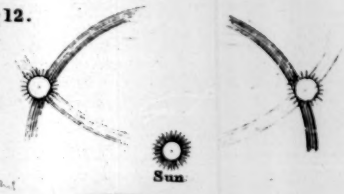


Fig 13.

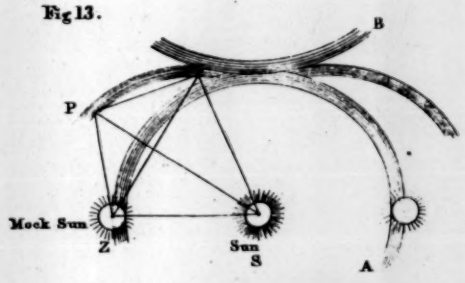


Fig 14.

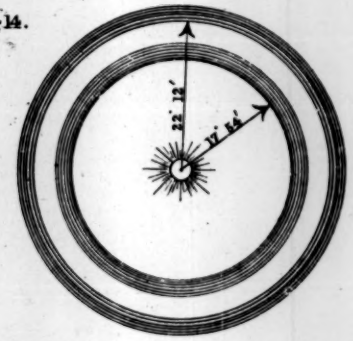


Fig 15.

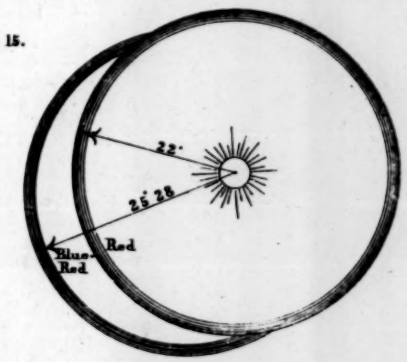


Fig 16.

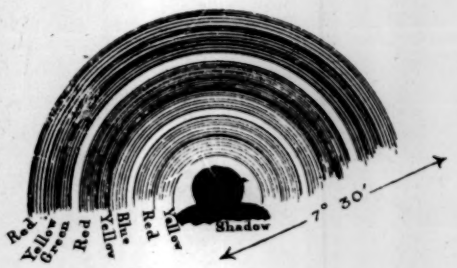
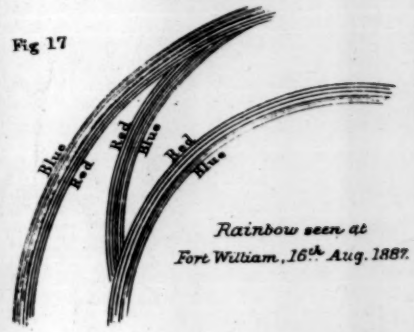


Fig 17



Rainbow seen at Fort William, 16th Aug. 1887.

Archibald & Peck Edin.

THE METEOROLOGY OF BEN NEVIS.

By ALEXANDER BUCHAN, LL.D.,
SECRETARY OF THE SCOTTISH METEOROLOGICAL SOCIETY.

The attention of meteorologists was almost exclusively directed, till quite recently, to the collecting of the observational data necessary for determining the diurnal variation and the geographical distribution of the temperature, pressure, moisture, and movements of the atmosphere and the rainfall. In conducting these inquiries, the importance of the study of the changes of weather came gradually to be recognised, and an additional impetus was given to the prosecution of this branch of meteorology when it was seen that the subject had intimate relations to the practical question of weather forecasts, including storm warnings. Weather maps, showing the state of the weather over a considerable portion of the earth's surface, began to be constructed, and rapid progress was at once made in our knowledge of the more striking changes of weather as these occur from day to day.

One of the largest and most important practical problems of meteorology is to ascertain the course which storms follow, and the causes by which that course is determined, so that we may forecast from the meteorological phenomena observed, not only the certain approach of a storm, but the particular course that storm will take. The method of conducting this large inquiry in the most effective manner was devised by the genius of Leverrier, and began to be carried out by him in 1858 by the daily publication of the *Bulletin International*, to which a synchronous weather map was added in September 1863. This map showed graphically for the morning of the day of publication the atmospheric pressure and the direction and force of the wind, together with tables of temperature, rainfall, cloud, and sea disturbance from a large number of places in all parts of Europe. It is from such weather maps that forecasts of storms are framed and suitable warnings issued, and a body of information is being collected which is gradually leading to a juster knowledge of those great atmospheric movements and other changes which form the groundwork of the science.

These weather maps practically take note only of the meteorological conditions and changes which are observed at one height, viz., the level of the sea.

But by and by it came to be recognised that as regards weather changes and other problems of meteorology, a knowledge of the vertical variations which take place in the atmospherical conditions is of the utmost importance. Now, the only way we can arrive at this knowledge is by regular observations made at stations which, while very near each other, differ in height as much as possible. In 1875 Mr THOMAS STEVENSON, late President of the Society, proposed to establish a series of stations, from the bottom to the top of some steep mountain, in order to obtain such vertical sections of the atmosphere for calculating vertical gradients for atmospherical pressure, temperature, and humidity.

In the meantime, High-Level Stations were being established in the United States, Mexico, India, and the Australian colonies; and on the Continent of Europe, in France, Italy, Switzerland, Austria, Germany, and Russia. But in this general movement in meteorological research Great Britain took no part.

In 1877 Mr MILNE HOME, then Chairman of the Council of the Scottish Meteorological Society, pointed out the singular advantages of Ben Nevis as a High-Level Observatory. It is the highest mountain in the British Islands, rising to a height of 4406 feet above the sea; its summit is, in horizontal distance, about 4 miles from a sea-level station at Fort-William; and it is situated in the track of the south-west storms from the Atlantic, which exercise, particularly during the colder months of the year, so preponderating an influence on the weather of Europe. These, and other advantages to be afterwards referred to, offered by Ben Nevis as a High-Level Meteorological Observatory, are therefore unique, and it was at once recognised that observations made there would prove of the greatest value to meteorology.

For these reasons it was resolved to erect a permanent Observatory on the top of Ben Nevis. Plans were prepared by Mr STEVENSON in 1879, and offers received from various contractors, but the want of the necessary funds precluded anything being done at that time.

The Meteorological Council of the Royal Society of London offered in 1880, unsolicited, £100 annually to the Scottish Meteorological Society, to aid in the support of the Observatory should it be established, the only stipulation being that the Meteorological Council be supplied with copies of the observations.

Towards the end of 1880 Mr CLEMENT L. WRAGGE offered to the Scottish Meteorological Society to ascend the mountain daily during the summer of 1881, and make observations at the top simultaneously with observations made at Fort-William, the Society defraying the expenses connected with the work. The offer was accepted, and from June to October of that year, simultaneous observations were made without the break of a single day by Mr WRAGGE or his assistant at the top, and by Mrs WRAGGE at Fort-William, close to the sea.

A second series was carried on by Mr WRAGGE during the summer months of 1882, these being on a much more extended scale, and arranged on the method proposed by Mr STEVENSON in 1875. According to this method, eight stations, extending from Fort-William to the top of Ben Nevis, were established at different heights on the side of the mountain. Observations were made at these eight stations both on the outward and the homeward journeys; and simultaneously with these, observations were made with all the instruments at Fort-William, amounting to twenty-one each day, at various intervals from 5 A.M. to 9 P.M. To the ordinary observations were added the temperature of the sea, of streams, the lake, and springs of water passed on the way; on changes of cloud, the intensity of light, changes of direction or force of wind, and other weather-phenomena. During the summer of 1883 similar observations were carried on by Messrs WHYTE and RANKIN, who had on previous years acted as assistants to Mr WRAGGE.

The observations of these three years have been discussed, and the results published by the Scottish Meteorological Society.* As regards, however, the elaborate observations at the eight stations made in 1882, the discussion has only been a very partial one. Their full importance will only appear in the high place they will take in discussing the deviations from the normals of pressure, temperature, humidity, &c., that occur in the lowermost stratum of the atmosphere, 4406 feet thick, thus comprising nearly a sixth part of the mass of the earth's atmosphere. This elaborate system of observations was carried out by Mr WRAGGE with a skill, energy, resolution, and success worthy of all praise.

The discussion of these observations brought out results of the greatest interest. The deviations from the provisionally adopted normals of pressure, temperature, and humidity which were noted from time to time were compared with the weather changes which occurred; and from these comparisons valuable evidence was obtained of the correctness of the high expectations which had been formed regarding the part to be played by a High-Level Observatory on Ben Nevis, in assisting to frame forecasts of the weather of the British Islands, which can be obtained nowhere but from such an elevated position as the top of Ben Nevis.

In these circumstances the Scottish Meteorological Society made an appeal, in the early months of 1883, to the public for funds to enable them to build an Observatory on Ben Nevis. The proposal was heartily supported by scientific men both at home and abroad; and the interest of the public was shown by a prompt response to the appeal for subscriptions. A sum of £4000 was soon collected, and by October the subscriptions exceeded £5000; the subscriptions varying in amount from £200 to a halfpenny, and the subscribers representing all ranks, from Her Majesty downwards.

* *Jour. Scot. Met. Soc.*, Third Series, vol. i. pp. 4–27.

No time was lost in taking steps to erect the buildings, so that the practical work of the Observatory should begin before winter set in. The directors were the more anxious for this, seeing that the experience of a winter's work was necessary to enable them to foresee and provide against the difficulties that would arise next year, when additional buildings and continuously registering apparatus would be required in the future work of the Observatory. The buildings were erected from plans by Mr SYDNEY MITCHELL, architect, and the Observatory was formally opened by Mrs CAMERON CAMPBELL, the proprietor of the ground on which the buildings are erected, on October 17, 1883. Shortly thereafter, Mr R. T. OMOND, superintendent, Mr ANGUS RANKIN, first assistant, and Mr DUNCAN, second assistant, went into residence, and on November 28 the regular work of the Observatory commenced, consisting of hourly observations by night as well as by day, which have been carried on uninterruptedly since.

Telegraphic communication was established by the Post Office authorities between the Observatory and Fort-William; and a *résumé* of each day's observations is telegraphed for the morning newspapers.

The Observatory is fully equipped with instruments of the best description.* A peculiarity of the system of observation carried on is that the whole of the observations of temperature and humidity must be eye observations. This necessity is occasioned by the peculiar climatic conditions which obtain at the top of Ben Nevis, these being (1) the high winds which prevail, often exceeding the rate of 100 miles an hour, thus rendering the indications of registering thermometers practically useless; (2) the completely saturated atmosphere which prevails so frequently, so complete being the saturation that everything exposed in it is dripping wet; (3) the formation of a thick incrustation of ice during large portions of the year round every object exposed in the outside air; and (4) the frequent choking up of STEVENSON'S thermometer screen by snow drifts.

From the commencement the directors contemplated, as a constituent part of this system of observations, the establishment of a Low-Level Observatory at Fort-William, since it is not the observations made at the Observatory taken by themselves, but these observations in their relations to similar ones made near sea-level at Fort-William that will further meteorological research, and contribute the aid required in forecasting weather. Accordingly, a station was established at Fort-William in December 1883, and placed under the charge of Mr COLIN LIVINGSTON, of the Public Schools, at which observations are made five times daily in connection with those made on Ben Nevis, the hours of observation being 8 and 9 A.M. and 2, 6, and 9 P.M. The instruments here are of the best description, including a barograph and a thermograph, used chiefly as instruments for verification of the observations and for interpola-

* See p. lii.

tion purposes. The station selected at Fort-William is within a few yards of the sea, and 29 feet above mean sea-level; while the Observatory at the top of Ben Nevis is built on a true peak. Both stations are therefore in positions at which the effects of solar and terrestrial radiation are minimised. The observations of temperature at both stations thus closely approximate to the true temperature of the free atmosphere—a condition of the first importance in dealing with the larger questions in meteorology, which it is the chief object of High-Level Observatories to elucidate. In these respects, no other pair of Meteorological Stations anywhere in the world are so favourably situated as these two stations for supplying the observational data required in investigating the vertical changes of the atmosphere. The observations made at the Ben Nevis Observatory and those at Fort-William are printed *in extenso* with this Report.

Temperature.

In the following table the mean temperature in each case is obtained from the formula—

$$\frac{\text{Max.} + \text{min.} + 9\ \text{A.M.} + 9\ \text{P.M.}}{4}$$

The means for both stations are for the four years since the Observatory was opened, beginning with December 1883, and ending with December 1887.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	Ben Nevis Observatory.												
1883, ...												25°·8	
1884, ...	25°·6	23°·0	24°·6	27°·4	33°·1	37°·1	41°·6	42°·3	40°·0	32°·9	26°·2	24°·6	31°·6
1885, ...	24·2	23·4	22·3	26·9	26·8	35·6	42·3	39·9	34·8	26·4	28·5	26·2	29·8
1886, ...	19·8	21·1	22·0	26·8	30·5	36·0	38·5	39·9	36·4	34·6	29·5	20·2	29·6
1887, ...	24·9	27·1	24·0	25·6	32·0	45·5	41·3	40·0	36·6	28·4	26·1	22·8	31·2
	Fort-William.												
1883, ...												41°·0	
1884, ...	42°·0	41°·4	42°·7	45°·5	49°·9	54°·8	58°·2	58°·2	54°·9	47°·9	41°·4	39°·4	48°·0
1885, ...	37·4	39·0	39·8	45·3	46·0	53·6	56·4	55·7	51·2	42·3	41·8	40·2	45·7
1886, ...	35·5	34·8	38·7	44·0	48·2	53·3	55·6	55·3	51·3	49·4	43·7	34·3	45·4
1887, ...	39·3	40·5	38·8	42·8	49·3	58·3	57·6	56·4	51·0	44·8	40·2	36·0	46·3
Mean B. N. O., . . .	23·6	23·6	23·2	26·7	30·6	38·5	40·9	40·5	36·9	30·6	27·6	23·9	30·5
,, F.-W., . . .	38·6	38·9	40·0	44·4	48·4	55·0	57·0	56·4	52·1	46·1	41·8	38·2	46·4
Difference, . . .	15·0	15·3	16·8	17·7	17·8	16·5	16·1	15·9	15·2	15·5	14·2	14·3	15·9
Rate of fall of temperature with height, . . .	292	286	261	248	246	265	272	275	288	282	308	306	275

Thus the mean annual temperature of Ben Nevis for these four years is 30°·5, the lowest monthly mean being 23°·2 in March, and the highest 40°·9 in July; August being nearly equal, viz., 40°·5. The difference between the

mean annual temperature of Ben Nevis and Fort-William is 15°·9, the least monthly mean difference 14°·2 occurring in November, and the greatest 17°·8 in May. The greatest difference between the temperature of the top and bottom of the mountain occurs from March to June, when the top is still under a deep covering of snow, the air is driest, the great annual increase of temperature is in progress, and the temperature of the Atlantic relatively to that of the air is lowest. On the other hand, the difference is least from November to January, when the mountain is most frequently and most densely enveloped in cloud and mist, the atmosphere oftenest completely saturated, and westerly winds from the Atlantic very greatly predominate.

These results show that the rate of the decrease of temperature with height is one degree Fahrenheit for every 275 feet of ascent on the mean of the year, the rate being most rapid in April and May, when it is one degree for each 247 feet, and least rapid in November and December, when it is one degree for 307 feet. This rate agrees closely with the results of the most carefully conducted balloon ascents, and of those of the very few other pairs of stations in other countries from which tolerably satisfactory data can be obtained.

A comparison of the observations of the two stations for the period shows a variation with the hour of the day more decidedly marked than the variation with season. The following are the differences between their mean daily maxima and the differences between their mean minima :—

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Difference of Mean Maxima,	15°·9	17°·4	19°·6	22°·4	22°·1	21°·0	20°·2	20°·5	19°·2	18°·4	15°·5	15°·6	19°·0
Difference of Mean Minima,	14°·4	14°·1	15°·4	14°·3	14°·7	13°·1	13°·4	13°·0	12°·8	13°·8	13°·0	13°·1	13°·8

Hence in winter the decrease of temperature with height is nearly as great during the night as during the day, but from April to September the rate of fall during the day is about a half more than that of the night. In April the rate of decrease of temperature with height is one degree for 196 feet during the warmest time of the day, whereas during the coldest time in the early morning it is one degree for 301 feet.

The rates of decrease observed from day to day, however, differ widely from these means and from each other. The greatest fall of temperature from Fort-William to the Observatory noted to the end of 1887 was 28°·1 at 2 P.M. of June 8, 1885. On the other hand, however, the temperature at the top has frequently stood higher than the temperature of Fort-William. The greatest deviation in this direction occurred at 8 A.M. of November 18, 1885, when, while the temperature at Fort-William was 22°·2, that of the top was 35°·1, or 12°·9 higher. The departures from the normal differences of temperature, but more especially the inversions of temperature, and the extraordinarily rapid rates of

diminution with height are intimately connected with the cyclones and anti-cyclones of north-western Europe, and form data, as valuable as they are unique, in forecasting storms.

But the wet bulb thermometer furnishes observations even more remarkable than those which indicate simply the temperature of the air. Indeed, the most striking feature of the climate of Ben Nevis is the repeated occurrence of excessive droughts. Of these droughts the following thermometric readings, made on July 30, 1885, afford a good example :—

	Dry.	Wet.	Diff.	Dew-Point.
1 A.M. . .	48°·8	46°·9	1°·9	44°·8
2 „ . .	48°·3	45°·3	3°·0	42°·0
3 „ . .	50°·3	36°·2	14°·1	21°·3
4 „ . .	49°·7	36°·2	13°·5	21°·8

Such low humidities and dew-points, sharply marked off from high humidities and dew-points, frequently occur. Several remarkable instances which occurred during the summer and early autumn of 1885 form a valuable contribution to the science, especially when viewed in connection with the irregular geographical distribution of the disastrous frosts which occurred in some districts, but not in others, on subsequent evenings. The observations show comparatively brief continued states of the atmosphere characterised by clear skies and low humidities to have repeatedly passed the Observatory, which were closely preceded and followed by states of the atmosphere showing large humidity. Now it is evident that, during the night when temperature falls through the effects of terrestrial radiation, those parts of the country will suffer most from frosts over which these very dry states of the air pass or rest; whereas those districts over which a more humid atmosphere hangs will escape. On the night of August 31 to September 1 of 1885, the potato crop was totally destroyed, and grain crops in flower at the time were also destroyed by frost, in various localities in the valleys of Tweed, Nith, Clyde, and Spey. Over middle and upper Speyside, temperature on the ground fell to 15°·0, with results most disastrous to these crops; whereas at Dalnaspidal, in the district immediately contiguous, potatoes were scarcely if at all blackened.

But by far the greatest drought recorded at the Observatory was in March 1886, which commenced at 1 A.M. on the 11th, and ended at midnight of the 12th, thus extending over forty-eight hours. The mean humidity, calculated from APJOHN'S formula, of the first twenty-four hours was 19, and of the second twenty-four hours 15, the least humidity being 6 at 8 P.M. of the 12th. The three consecutive hours of greatest dryness were the following :—

	Dry.	Wet.	Dew-Point.	Humidity.
7 P.M., . .	21°·8	14°·8	−32°·1	7
8 „ . .	21°·0	14°·0	−34°·3	6
9 „ . .	19°·2	13°·0	−32°·3	8

During these two days the sky was cloudless throughout, the wind south-easterly, blowing at first with force 5 (scale 0 to 12), then gradually falling to 3 at 9 A.M. of the 11th, about which it remained till 4 P.M. of the 12th, when it fell to a calm, or only the lightest airs from the north-east at the time the greatest dryness took place. On these days the extremes of temperature were 24°·3 and 13°·3; and it may be noticed that at 8 A.M. of the 12th, while at the Observatory the temperature was 23°·9, at Fort-William it was 19°·2, or 4°·7 lower than on the top of the mountain. Mr WRAGGE's observations of 1882, made at different heights, clearly show that such extraordinary dry states of the atmosphere are restricted to the higher parts of the mountain.

For each of the four years the maximum temperatures recorded at the Observatory were 60°·1, 60°·0, 55°·8, and 66°·2; and the minimum temperatures 9°·9, 11°·1, 8°·4, and 9°·0 respectively. Thus the highest temperature recorded in these three years was 66°·2 in June 1887, and the lowest 8°·4 in December 1886, giving 57°·8 as the absolute range.

Atmospheric Pressure.

The mean monthly atmospheric pressures at the Observatory (at 32° only), and at Fort-William (at 32° and sea-level) are these, the means being calculated from the hours 9 A.M. and 9 P.M.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Year.
	Ben Nevis Observatory.												
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1883, . .	...	...	...	...	...	...	...	...	...	...	...	25·390	...
1884, . .	25·174	25·110	25·184	25·291	25·319	25·499	25·386	25·440	25·405	25·377	25·438	25·056	25·302
1885, . .	25·150	24·863	25 360	25·189	25·153	25·467	25·594	25·475	25·193	25·130	25·233	25·300	25·267
1886, . .	24·942	25·398	25·234	25·273	25·322	25·417	25·319	25·382	25·395	25·261	25·213	24·953	25·259
1887, . .	25·159	25·494	25·390	25·374	25·472	25·680	25·424	25·424	25·358	25·445	25·086	25·089	25·366
	Fort-William.												
1883, . .	...	...	...	...	...	...	...	...	...	...	...	30·011	...
1884, . .	29·751	29·704	29·759	29·859	29·842	30·018	29·844	29·896	29·886	29·932	30·063	29·636	29·849
1885, . .	29·758	29·422	30·004	29·759	29·718	30·001	30·099	29·986	29·692	29·702	29·775	29·978	29·825
1886, . .	29·544	30·071	29·875	29·867	29·880	29·940	29·810	29·865	29·916	29·780	29·776	29·558	29·824
1887, . .	29·753	30·124	30·032	29·992	30·044	30·168	29·902	29·911	29·875	30·046	29·655	29·698	29·933
Mean B. N. O.,	25·106	25·216	25·292	25·282	25·316	25·516	25·431	25·430	25·338	25·303	25·243	25·176	25·300
„ F.-W.,	29·701	29·830	29·918	29·869	29·871	30·032	29·914	29·914	29·842	29·865	29·817	29·776	29·862
Difference, . .	4·595	4·614	4·626	4·587	4·555	4·516	4·483	4·484	4·504	4·562	4·574	4·600	4·562

This table gives for Ben Nevis a mean annual pressure of 25·300 inches. The maximum monthly pressure is 25·516 inches in June, and the minimum

5·106 in January, the difference being 0·410 inch. Comparing the pressures at the Observatory with those at sea-level at Fort-William, the mean annual difference is 4·562 inches, the greatest monthly difference being 4·626 inches in March, and the least 4·483 inches in July.

Among the more important points to be determined, particularly as regards the investigation of weather phenomena, are the normal differences between atmospheric pressure at the Observatory and at Fort-William for the different air temperatures and sea-level pressures that occur. These differences, or corrections for height as they are usually called, were first calculated from all the synchronous observations made at the two stations, and the results entered in a provisional "Table of Corrections for Height." With the aid of this table the departures from the normals were ascertained for each of the five daily observations made since the opening of the Observatory. The results showed a diminution of pressure at the Observatory on almost every occasion during the prevalence of high winds on the top of the mountain; or when the wind blew at a rate of 30 miles an hour and upwards, the observations reduced to sea-level indicated a less pressure than what was actually observed at Fort-William at the time. Further, the differences were found to increase with the strength of the wind, and amounted not unfrequently to the tenth of an inch, and on one day when the wind continued to blow at the rate of about 120 miles an hour, the five synchronous observations of that day showed differences of about 0·150 inch. This lowering of pressure is no doubt due to the winds partially sucking out the air from the interior of the building as they brush past the Observatory. A similar result was also observed by Mr Wragge and assistants during the summer months of 1881–83, when the barometer was placed in a cairn specially built for its reception.

It thus became necessary to calculate afresh the table of corrections for height, using in the new calculation only those observations which were made when the wind at the Observatory blew at rates lower than 30 miles an hour. This recalculation has been completed, and with the results thus obtained, the "Table of Corrections for Height" accompanying this paper has been prepared, giving the corrections for each tenth of an inch of the pressure at sea-level from 27·400 inches to 30·900 inches, and for every 1°·0 of the temperature of the air from 16°·0 to 75°·0. In this inquiry the temperature of the air has been assumed as the simple arithmetical mean of the temperatures at the Observatory and Fort-William.

The results are closely accordant with the figures for a sea-level pressure of 30·000 inches published by General Hazen of the U.S. Signal Service for the use of the United States' observers, with this difference, that for each degree from 16°·0 to 75°·0, the sea-level corrections empirically determined for Ben Nevis are 0·020 inch greater than the figures of the Signal Office.

The sea-level corrections for the Observatory have been worked out from the formula given by LAPLACE in the *Mécanique Céleste* in the form employed by the Meteorological Council, and in general use by meteorologists in the United Kingdom.* At an outside air-temperature of 45°·0, the correction for height deduced from this formula is identical with the correction calculated directly from the observations for all the sea-level pressures. But at lower temperatures the correction from the formula steadily increases, and at an air-temperature of 20°·0 and sea-level pressure of 30·000, it is 0·040 inch larger than the correction empirically determined from the Ben Nevis observations; while, on the other hand, with air-temperatures higher than 45°·0, the empirically-determined correction is the larger one. It was found that, when the additions to the corrections in the LAPLACE table for air-temperatures lower than 45° were reduced by one-sixth, and the subtractions from the corrections as the temperature rose above 45° were also reduced by one-sixth, the two tables were virtually identical. The admirable position of the two stations at which the effects of solar and terrestrial radiation are minimised, gives quite a special value to the result thus obtained. The table must, however, be regarded only as a provisional one, giving closer approximations to the true corrections for height than has hitherto been possible.

In preparing new isothermal and isobaric maps of the globe for the "Challenger" Expedition Report on Atmospheric Circulation, these rates of diminution of temperature and pressure with height, deduced from the Ben Nevis observations, were adopted in the construction of the table of corrections for height above mean sea-level up to 8000 feet for the different air-temperatures and sea-level pressures that occur. The results of charting from these tables afford the strongest corroboration of the great value in practical meteorology and physical geography of this piece of work executed from the data furnished by the Ben Nevis and Fort-William Observatories.

The departures from the normal rate of diminution of temperature with height, differ materially from each other from time to time. On reducing the barometer at the top of the mountain to sea-level, using in the reduction the mean of the temperatures at the top and the bottom of the Ben as the temperature of the air, it is found in a large majority of cases that the reduced pressure closely agrees with the observed sea-level pressure at Fort-William. This result is far from being restricted to those cases when the rate of diminution of temperature with height is closely approximate to the normal. It also frequently occurs when the difference of temperature at the two Observatories either greatly exceeds, or greatly falls short of, the normal, occurring even when the two temperatures are nearly the same, or the upper temperature the higher of the two. The agreement of the reduced pressure to sea-level of the

* *Instructions in the Use of Meteorological Instruments*, by R. H. SCOTT, London, 1873, p. 80.

observations at the top of the mountain with the observed sea-level pressure at Fort-William, indicates that, in those instances, either the normal vertical distribution of temperature, or its abnormal vertical distribution, as the case may be, is uniformly distributed from sea-level to a height of at least 4406 feet.

But a very considerable number of cases occur in which pressure at the top, reduced to sea-level, does not closely agree with the sea-level pressure observed at Fort-William, thus indicating that the change of temperature does not proceed at a uniform rate from Fort-William to the top of the mountain. Two of the more prominent exceptional classes of such observations may be here referred to. In anticyclonic weather it frequently happens that temperature at the top is relatively much higher than at Fort-William, the higher temperature being restricted to the higher parts of the mountain. A fine instance of this was observed by Mr Wragge on August 8, 1882. During his ascent that morning, temperature steadily fell till a height of about 2375 feet was reached, when temperature had fallen to 46°; it then suddenly and rapidly rose to 53°·2 at the Red Burn Crossing, 2700 feet high, and to 55°·9 at the top; the temperature at Fort-William at the same instant being 57°·2. The air on the Ben passed, at the same time, from a state of saturation to one of intense dryness. The other exceptional class of instances occurred with those east winds which are not felt at the Observatory at the top, but are confined to lower levels. These being relatively cold winds, a uniform rate of change of temperature with height does not obtain. An easterly wind prevailing from sea-level to the top, and an easterly wind limited to lower heights, are two very different types of weather, and have very different bearing on coming weather. It is not necessary to insist here on the very great importance, in forecasting weather, of an accurate knowledge as to whether the changes of temperature that so markedly occur in unsettled weather, are confined to a height extending but little above the earth's surface, or reach to at least a height of between 4000 and 5000 feet.

Rainfall.—The following are the monthly amounts of the rainfall at the Observatory and Fort-William during the months when it has been observed simultaneously at both stations.

From the monthly means obtained the annual rainfall on the top of Ben Nevis is 129·47 inches, the largest monthly fall being 19·53 inches in December, and the least 5·66 inches in April. For the same periods, the mean annual rainfall at Fort-William was 77·33 inches, which is 52·14 inches less than that of the Observatory. The rainfall of the Ben Nevis Observatory is the largest anywhere yet observed in Scotland; and, as regards the British Islands, it is only exceeded at The Stye, Seathwaite, and a few other points in the same part of the Lake District.

The largest rainfall on any day during the four years was 5·34 inches on December 12, 1885; and on January 1, 1887, there fell 4·45 inches. On the

two days, December 12 and 13, 1885, the amount precipitated was 8·86 inches. For five day periods the following are the largest—December 11–15, 1885, 10·25 inches; October 1–5, 1885, 10·02 inches; November 5–9, 1884, 9·91 inches; December, 6–10, 1884, 9·83 inches; and December 30 to January 3, 1886, 9·25 inches.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	Ben Nevis Observatory.												
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1881, . . .	...	...	...	...	...	12·31	15·19	12·34	6·09	6·58	...	...	...
1882, . . .	...	...	...	...	...	8·34	9·65	11·39	10·25	6·41	...	...	...
1883, . . .	...	...	...	...	...	5·74	8·13	12·61	9·77	...	...	...	...
1884, . . .	...	...	...	...	...	...	9·92	8·62	11·66	20·24	19·10	25·29	...
1885, . . .	7·53	16·94	12·82	4·86	8·37	6·84	7·54	7·56	20·87	19·04	9·80	24·33	146·50
1886, . . .	12·76	2·84	5·91	4·59	6·25	7·60	10·99	10·16	13·03	8·16	14·57	10·98	107·85
1887, . . .	17·80	13·30	5·90	7·53	3·97	7·51	14·54	8·71	10·99	12·19	8·99	17·58	129·01
	Fort-William.												
1881, . . .	...	...	...	...	...	6·25	10·88	6·41	1·97	4·23	...	...	...
1882, . . .	...	...	...	...	...	3·95	6·15	4·30	5·50	4·04	...	...	...
1883, . . .	...	...	...	...	...	2·44	3·30	6·74	3·46	...	...	...	...
1884. . . .	...	...	...	...	...	...	6·34	5·80	6·13	13·77	13·55	11·61	...
1885, . . .	5·63	12·45	4·85	4·47	4·21	3·25	3·75	3·15	11·71	8·70	6·64	13·86	82·67
1886, . . .	8·34	4·76	4·96	4·98	3·88	3·05	5·60	4·95	8·76	5·58	8·96	7·31	71·13
1887, . . .	12·73	11·39	3·49	3·48	1·86	3·33	7·90	3·02	4·55	6·22	5·09	8·18	71·24
Means B. N. O., .	12·70	11·03	8·21	5·66	6·20	8·06	10·85	10·20	11·81	12·10	13·12	19·53	129·47
,, F.-W., .	8·90	9·53	4·43	4·31	3·32	3·71	6·32	4·91	6·01	7·09	8·56	10·24	77·33

From the commencement of the hourly observations of rain and other forms of precipitation in the beginning of July 1884 to December 31, 1887, there are 1279 days. Of these 1279 days there have been 361 days in which either no rain at all or less than the hundredth of an inch was collected; so that on Ben Nevis one day in from three to four days has been without rain. The fewest rainless days occur in December, and largest number in April, the proportions being about 1 in 6 and 1 in 2 days respectively.

On the other hand, if we accept 1·00 inch as representing a very rainy day, there occurred in the same period 145 days on which 1·00 or upwards was recorded, being thus in the proportion of 1 day in 9. The largest number of such days was 9 a month, in December; then follow September, October, and November with about 6 each; and the smallest about one a month, in April, May, and June. The months of these groups are severally successive, the former being the time of the year when the great annual fall of temperature takes place, and the latter the time of the great increase of temperature. An inch of rain was not recorded on any day in June 1885 and February 1886, and in 6 of the 17 months this amount occurred only on 1 day in each month.

Diurnal Phenomena.

Diurnal Variation of Temperature.—During the four years the barometric observations have been made without the break of a single hour. As, however,

the tower of the Observatory, which admits of easy egress to the thermometers outside when the top of the mountain is deeply covered with snow, was not erected till the summer of 1884, occasional interruptions in the thermometric readings occurred during the first five months, on to April 1884, when blinding snowdrifts rendered it unsafe for the observers, even though roped together, to go outside. As the season advanced the interruptions became less frequent, and from May 7, 1884, the observations of temperature have been made without the break of an hour, except for 14 consecutive hours from 6 P.M. of February 21, 1885, to 8 A.M. of the 22nd, this period being signalised by a storm of such unprecedented severity as absolutely precluded the possibility of any egress to the Stevenson screen. In the following tables of temperature observations, the omitted hours of observations have been interpolated,—the maximum and minimum temperatures and the barometric, wind, and other observations that happened to be made in the interval being used as guides in interpolating. In all cases the interpolated observations are printed within brackets.

Table I. gives the mean hourly temperatures of the months for the four years, and the hourly variations from the monthly means. The following table shows for the seasons the means and the mean coldest and warmest hour of the day, and their differences from the daily means :—

	Minimum.		Maximum.	
		Hour.		Hour.
	°		°	
Winter, . . .	−0·3	5 A.M.	+0·5	1 P.M.
Spring, . . .	−1·2	5 „	+1·3	2 „
Summer, . . .	−1·6	5 „	+1·8	3 „
Autumn, . . .	−0·6	6 „	+1·0	1 „
Year, ...	−0·9	5 „	+1·2	2 „

Thus for the whole year, the difference between the mean coldest hour, 5 A.M., and the warmest hour, 2 P.M., is 2°·1. In winter the difference is only 0°·8, but in summer it is 3°·4. The month of least range 0°·6, is January. For the five months from October to February, the mean daily range of temperature varies only from 0°·6 to 1°·5.

This is the time of the year when storms are most frequent, and this small range in the diurnal march of the temperature is an important feature in the climatology of Ben Nevis, inasmuch as it presents in nearly their simple form the great changes of temperature accompanying storms and other weather changes, which it is so essential to know in forecasting weather. On the other hand, the cyclonic changes of temperature are markedly large, and may be

considered as fairly well represented by the daily maximum and minimum temperatures. Hence, while the daily range of temperature from the mean hourly observations for January is only 0°·6, the mean from the daily maxima and minima is 7°·0.

The disturbing influence of cyclones on the temperature is also strikingly seen in the diurnal curve for January, which shows a double maximum and minimum for the four years' observations, which will no doubt disappear as observations accumulate. The same disturbing influence is apparent more or less in the six months from October to March, particularly as regards the time of the minimum temperature of the day.

Humidity.—The hygrometry of Ben Nevis is one of the most remarkable features of its climate. The usual conditions are a saturated atmosphere. In the warmer months of the year it often happens that everything outside the Observatory is dripping wet, and on opening the Stevenson box for the thermometers, a drop of water is seen at each thermometer bulb; the box itself seems just to have been lifted out of water, and everything all round is wrapped in dense wetting mist. In the winter months, when the temperature is below freezing, a dense mist frequently envelops everything, and the wind deposits ice on all objects it sweeps past, the deposition being on the windward side of the object.

This state of things adds greatly to the labour of observing, inasmuch as it renders necessary a repeated change of the thermometer box, and the labour is further increased by the necessity of clearing the louvres and thermometers of the fine particles of snow with which they get covered by the whirling drifts, so that the essential condition of temperature observations may be secured for the bulbs of the thermometers, viz., that they are kept entirely in contact with the free atmosphere. Hence, as regards the observations of temperature, registering instruments can never take the place of observers on Ben Nevis as is the case with low-level observations; and seeing that observations of temperature are absolutely indispensable in utilising and discussing barometric observations, the personal services of the observer can never be dispensed with at this Observatory.

Further, more than common care and attention must be given to keep the wet bulb thermometer in good order, so that it may show unfailingly those changes in the humidity, which are frequently great, sudden, and of brief duration, and are so important in connection with the atmospheric changes of north-western Europe. Hence it is part of the observer's regular routine of duty after each observation to secure so far as possible that at next hour's observation the "wet bulb" will be properly wet, and if the temperature is under 32°·0, that it will have a proper coating of ice. For this purpose a small phial of water is carried in the observer's pocket. Some idea may be formed

of the unremitting care and attention required, when it is stated that in winter, on occasions of extraordinary dryness of the air, it sometimes happens that the cloth of the wet bulb thermometer, after being wetted and then covered with a coating of ice, becomes dry again in ten minutes. It is, however, nearly always found that a little attention to the wet bulb after each observation secures its being in good order for next hour's observation.

But perhaps the greatest difficulty of all is with the dry bulb thermometer. Under the conditions referred to above, the dry bulb in winter gets rapidly encrusted with a thin pellicle of ice, and in the warmer season with a film of water with a drop ever and anon falling from it. The result is that the dry bulb becomes an almost ideally perfect wet bulb; and hence as the wet bulb is less sensitive to changes of temperature, owing to the muslin surrounding it, it frequently occurs that the dry bulb reads lower than the wet. In these circumstances a real dry bulb is impossible to be had, but in such cases the air is either at, or very near the point of, saturation.

The hygrometric observations are printed as observed, and in the meantime, while the interpretation of the wet bulb readings is often obscure and doubtful, two monthly means for the wet bulb were prepared from the Tables—the first being the simple means of the observations as they stand, from which Table II., showing the relative humidity, was prepared; while the second was constructed on the assumption that in all cases where the dry bulb reads lower than the wet bulb, the air was saturated. From the latter of these means it appears that, as regards the seasons, the greatest depression of wet bulb below the dry bulb occurs in summer between 11 A.M. and 6 P.M., the mean depression being very nearly 1°·0, and the least depression in winter from 11 P.M. to 4 A.M. As the low humidities depend almost altogether on the passage over the Observatory of anticyclones, or particular parts of anticyclones, which occur irregularly at all seasons and at all hours, many years will be required to give approximately true monthly and hourly means. The daily range of the hourly means is in all cases surprisingly small, especially when the bright sunshine, usually accompanying the low humidities, is taken into consideration. Even in summer, the least depression is 0°·70 at 3 A.M. and the greatest 1°·05 at 3 P.M., the daily range being thus only 0°·35, or about the third of a degree. Table II. shows in the hourly means for the year an increased relative humidity from 5 P.M. to 3 A.M., and a diminished humidity from 4 A.M. to 4 P.M. These deviations are very small, in every case less than one per cent. The larger deviations in several of the separate months are solely due to excessively dry states of the atmosphere which occurred during these months in one or more of the years.

The immense importance of the hygrometric observations is in the decided part they play in the occurrence of daily changes of weather attendant on the cyclones and anticyclones of north-western Europe, a discussion of which is now

being carried on, and for this purpose it is not the means, but the individual observations which are so valuable in their bearings on weather changes.

Diurnal Oscillations of the Barometer.—Table III. gives the simple arithmetical means of the hours for the several months as observed, and the difference of the mean of each hour of the day from the mean of the month. If the month began and ended with the same height of the barometer, the differences of the hourly means from the monthly mean would represent the true hourly variation. But such a coincidence very seldom occurs.

In January 1884 the barometer at 1 A.M. of the 1st was 25·805 inches, and at midnight of the 31st 24·837 inches. On the assumption, then, that the day began at midnight, the mean for this hour was 25·196 inches; but if the day be considered as beginning at 1 A.M., the mean for the same hour was 25·164 inches, or 0·032 inch less than in the former case. If now the hourly differences were taken directly from the figures of the upper part of the Table, each mean from 1 A.M. to 1 P.M. would be above the monthly mean and the means of the other hours below it. Hence, to show the true hourly variation, corrections determined from the difference of the two midnight means have been applied to the hourly means of the Table; and from the new figures thus obtained, the lower part of the Table has been constructed, where the *heavy type* indicates that pressure is above the mean, and the *light type, in italics*, that it is below it.

From the four years' observations, the following are the four diurnal phases, compared with the daily means, of the barometric curves for the seasons, with the approximate hours of their occurrence :—

	First Minimum.		First Maximum.		Second Minimum.		Second Maximum.	
	inch.	hour.	inch.	hour.	inch.	hour.	inch.	hour.
Winter, . .	−0·012	6 A.M.	+0·003	11 A.M.	−0·005	3 P.M.	+0·010	9 P.M.
Spring, . .	−0·015	5 ,,	+0·010	2 P.M.	+0·001	5 ,,	+0·008	9 ,,
Summer, . .	−0·019	5 ,,	+0·012	2 ,,	+0·005	7 ,,	+0·010	9 ,,
Autumn, . .	−0·019	5 ,,	+0·005	noon	+0·001	5 ,,	+0·011	8 ,,
Year, . . .	−0·016	5 ,,	+0·005	1 P.M.	+0·001	5 ,,	+0·009	9 ,,

In all seasons the curves show the double maximum and minimum pressure. The morning minimum is much greater than the afternoon minimum, as happens on all mountain peaks which rise considerably above the plains surrounding them. The partial exception of January is occasioned by the lowest pressures, accompanying several storms of January 1884, occurring about that time of the day, particularly the low pressure of the great storm of the 25th, when sea-level pressure fell to 27·333 inches at Ochtertyre, and at Fort-William to 27·4 inches. The relatively larger minimum in the early morning is due to the cooling of the atmosphere during the night, by which the air contracting sinks to a lower level, thus lowering pressure at high levels.

As this nocturnal cooling below the daily mean temperature is relatively greater in summer than in winter, or as the diurnal range of temperature is greatest in summer, the morning minimum of pressure falls lowest during the warmer months of the year.

On the other hand, as the atmosphere is heated by the sun's rays during the day, the air thereby expanding rises to a higher level, and hence at great heights pressure is increased in the afternoon. One of the remarkable results of this state of things is, that only in winter does the afternoon minimum fall below the mean daily pressure. In summer this afternoon minimum is 0·005 inch above the daily mean. So decided are the temperature effects of solar and terrestrial radiation on the diurnal distribution of the pressure on Ben Nevis, that it is for the year above the daily mean sixteen hours of the day, and below it only eight hours. The largest excess of any hour above the mean annual pressure is 0·009 inch at 9 and 10 P.M.; whereas at 5 A.M. pressure falls 0·016 inch below the mean—the defect in the early morning being thus double the excess in the evening.

In June, when the direct solar heat is strongest, this temperature effect on the pressure is most decidedly marked, and as the afternoon minimum falls only 0·003 inch below the preceding maximum, a close approach is made during this month to a diurnal curve of pressure, with only one maximum and minimum. It is interesting to note that even a closer approach to a single diurnal maximum and minimum of pressure takes place over the open sea in the higher latitudes at substantially the same hours, and a single diurnal maximum and minimum is also approximated to, and over many regions reached, in the interior of continents in the higher latitudes, the maximum, however, occurring in such cases about 8 A.M. and the minimum about 5 P.M., being the reverse of what occurs at such high-level observatories as Ben Nevis.

Another remarkable feature in the meteorology of Ben Nevis is the great regularity, from month to month, of the times of occurrence of the four phases of the pressure, and the comparatively small number of days' observations required to show them. In winter, however, there are exceptions to this regularity, it being at this season that the strength of the sun's rays is least, and the disturbance arising from the passage of cyclones, with their low pressures, greatest. Thus in December 1883 the monthly means showed only a single maximum at 11 A.M. and minimum at 10 P.M.; and again, in December 1884, a single maximum at 9 P.M. and minimum at 7 A.M.; but the means of the four years give a curve with both maxima and minima.

The diurnal phases of the barometric curve are widely different from the above, in places among the mountains situated in valleys, particularly deep valleys. Thus at Gries, in the Tyrol, which is situated in a deep valley, the following is the diurnal variation in June :—

	Inch.		Inch.
1 A.M.	+·025	1 P.M.	−·035
2 „	+·025	2 „	−·045
3 „	+·024	3 „	−·054
4 „	+·028	4 „	−·058
5 „	+·034	5 „	−·057
6 „	+·040	6 „	−·047
7 „	+·040	7 „	−·035
8 „	+·035	8 „	−·014
9 „	+·028	9 „	+·004
10 „	+·010	10 „	+·014
11 „	+·002	11 „	+·021
Noon	−·015	Midnight	+·025

In such situations, during night, the whole surface of the region is cooled by radiation below the air above it, and the air in immediate contact with the ground becoming also cooled, a system of descending air-currents sets in over the whole face of the country bounding the deep valley. The direction and velocity of these descending currents are modified by the irregularities of the ground, and, like currents of water, they converge in the bottom of the valleys, which they fill to a considerable height with the cold air they bring down from the sides of the mountains. This cold and relatively dense air rises above the barometers which happen to be down in the valley, with the result that a high mean pressure is maintained during the night. In this month at Gries, pressure during the coldest time of the night is maintained about 0·40 inch above what it would be in the open country. On the other hand, during the day, these deep valleys become highly heated by the sun, and a strong ascending current is early formed, under which pressure falls unusually low. The result is a diurnal range of pressure of 0·097 inch,—a range quite tropical in amount. The same law of the diurnal distribution of pressure holds even in such shallow valleys as the Thames, observations at Greenwich and Kew for the five years ending with 1880 showing a relatively higher pressure at Kew during the night and lower during the day than occurs at Greenwich; and the differences are greatest in the months of the year when the diurnal range of temperature is greatest. From the position, this does not occur at the Low-Level Observatory at Fort-William. The whole of this discussion has important bearings on the diurnal variation in the wind's velocity on the top of Ben Nevis, in common with all high-level observatories situated on true peaks.

Diurnal Variation of the Force of the Wind.—The observations of the force of the wind have been made hourly by estimation, the scale adopted being a modified form of Beaufort's scale, in which 0 represents a calm, and 12 the highest wind which occurs at the Observatory. Much attention was given from the first to secure that the estimations of force were made on the same method by all the staff. These efforts towards real uniformity have been unusually successful, as evidenced by the frequent comparisons made independ-

ently by the observers in all seasons, hours, and weathers. Generally the observations are wanting for the same hours that the temperature observations are wanting; and as in the case of temperature, the omitted hours have been interpolated, aided by occasional remarks in the sheets of daily observations; and since the omissions nearly all occurred in rough and stormy weather, the interpolations are tolerably correct.

An anemometer, specially designed by Professor CHRYSTAL for the Observatory, was erected in October 1884. Unfortunately, however, in the colder months, the deposition of ice crystals renders all anemometers utterly useless except on rare occasions, and during a brief season of the year. An important service has, however, been rendered by this anemometer. A sufficient number of observations of the wind's velocity have been obtained by it to enable Mr OMOND to assign numerical equivalents in miles to the estimations of the force of the wind.* The equivalents to force are as follow :—

Estimation Scale.	Equivalent in miles per hour.	
1	5 miles.	
2	12 „	
3	21 „	
4	30 „	
5	39 „	
6	50 „	
7	61 „	
8	73 „	
9	85 „	Higher velocities.
10	96 „	
11	108 „	
12	120 „	

For the higher velocities the number of observations with the anemometer was insufficient for a trustworthy comparison.

The daily maximum velocity of the wind (Table IV.) occurs during the night, and the minimum during the day. The daily differences are greatest in summer and least in winter. In summer the maximum, 2·21, occurs at 4 A.M., and the minimum, 1·68, at 2 P.M., or at the rate of 14 and 10 miles an hour respectively. In winter the daily extremes are 3·45 at 4 A.M. and 3·15 at 2 P.M., or 26 and 23 miles an hour. It will be observed that while on the mean of the year the maximum may be considered as occurring during the four hours from midnight to 4 A.M., the minimum is spread over eight hours from noon to 7 P.M. Another peculiar feature of the daily curves is a slightly marked secondary maximum from 3 to 5 P.M. during the five months from April to August, a peculiarity which also appears in the annual curve. These results are the reverse of what obtains in lower situations and over extensive plateaux, or where the wind, before reaching the Observatory, has blown over some extent

* See *Proceedings*, vol. xiii. p. 839.

of the earth's surface. In all such situations, the maximum velocity is during the day and the minimum during the night. At Pike's Peak, the velocity of the wind is about 6 miles per hour greater in the early morning than at noon.

As regards the months, the maximum wind force occurs from November to March, the mean of the five months being at the rate of 3·10, or 22 miles an hour, and the minimum force 1·91 from June to August, or 11 miles an hour, the difference being thus 11 miles. The maximum velocity of the wind on Ben Nevis occurs therefore during the coldest season of the year, and the coldest hours of the day, and the minimum velocity during the warmest season and the warmest hours of the day approximately.

The occurrence of the greatest velocity during winter is to a considerable extent to be accounted for by this season being the stormiest period of the year, when steep barometric gradients, and the strong winds so often the accompaniments of the cyclones that make their tracks over the British Islands are of most frequent occurrence. But there is another cause which results in the prevalence of stronger winds at High-Level Stations. At High-Level Stations in tropical regions, there is little difference of temperature and atmospheric pressure observed throughout the year. Thus, at Medellin, in Columbia, 6°·12″ lat. N., and 75°·45″ long. W., and 4951 feet above the sea, the mean barometers for January and July are 25·158 inches and 25·174 inches, and the temperatures are 70·9 and 70°·5. But in higher latitudes, where there is considerable difference between the summer and winter temperatures, pressures also differ greatly. On Pike's Peak, 14,134 feet above the sea, where the mean temperature of January is 2°·5 and July 40°·0, the corresponding pressures are 17·493 inches, and 18·077 inches, being thus fully half an inch higher in summer than in winter, even though pressure at comparatively low levels in that part of America are much less in summer than in winter. Since, owing to the marked diminution of pressure at great heights in the atmosphere during the cold months of the year, barometric gradients, greatly steeper than in summer, are formed in extra tropical regions in winter for the prevailing westerly upper currents of the atmosphere. From this cause doubtless the wind force on Ben Nevis is largely augmented during the winter months.

It is quite otherwise with the manner of the distribution of the wind velocities during the twenty-four hours of the day which is so marked a feature of the meteorology of Ben Nevis, as well as of all High-Level Stations, situated on peaks, from which we have observations. In these situations, the maximum occurs during the night, and the minimum during the day, in all months of the year. The distinct, but not strongly accented secondary maximum that occurs early in the afternoon of the summer months, may be here referred to as evidence that the causes giving rise to the daily maximum wind velocity at these hours of the day at lower levels are felt at the Observatory only, however,

as causing a slight variation in the portion of the diurnal curve from 10 A.M. to 8 P.M., when the wind force is less than the daily mean.

But further, the diurnal variation peculiar to truly high-level stations, or those placed on mountain peaks, is shown by observations to occur on Ben Nevis during continued periods of high winds. The longest continued storm extended over seven days without intermission, from February 15 to 21, 1885, the wind remaining steadily in the S.E., except on the 20th and 21st, when it occasionally veered to S. and S.S.W. During that time, the mean hourly force was 8·21, or about 75 miles an hour, the mean hourly maximum being 88 miles from 5 to 6 A.M., and the minimum 65 miles from 4 to 5 P.M. Thus the diurnal variation during this remarkable storm was well marked, the difference between the hours of greatest and mean velocity being 23 miles.

In explanation of this diurnal variation in the wind's velocity on mountain peaks, we may revert to what has been said as to the high barometer maintained in deep narrow valleys during the night, as the result of cold air-currents from the adjoining slopes which the chilling effects of terrestrial radiation set in motion. These masses of cold air, accumulated in the valleys, give rise to furious blasts of wind blowing down the valleys during the night. Now, since these down-rushing winds must necessarily be fed from higher levels than those of the mountain itself, it follows that the winds prevailing on the peak of the mountain are really the winds of a higher level, and blow therefore with the greater velocity due to that greater height; and the increased velocity is kept up so long as the cold currents occasioned by terrestrial radiation continue to be poured down to the bottom of the valleys. On the other hand, during the warmer hours of the day, barometric pressure is abnormally low, owing to the super-heating of these valleys, as contrasted with the temperature of the surrounding region. This gives rise to a warm wind blowing up the valleys during the hottest hours of the day, and an ascending current close to the sides of the mountain, up to its very summit. Now, since no inconsiderable portion of this ascending current, whose horizontal velocity is necessarily much retarded, mingles with the air-current proper to the level of the peak, it follows that the prevailing wind on the peak must be retarded during the hottest hours of the day.

Diurnal Variation in the Amount of Cloud.—The hourly means of the amount of cloud on scale 0 to 10, during the four years, are given in Table VI. The mean of the whole year is 8·4—the maximum being 8·8 in January, and the minimum 7·9 in April, the monthly amounts thus showing but little difference throughout the year. The curve of diurnal variation for the year is of the simplest description, being above the mean from 8 A.M. to 7 P.M., and under it from 8 P.M. to 5 A.M. These features of the curves appear in their most pronounced form from April to September. The close agreement with the

corresponding curves of temperature indicate the close relations of the two classes of phenomena. The hours of the day and the months of the year when solar radiation is strongest, and the ascending air-currents consequently also strongest, are the times when the sky is most clouded. On the other hand, the times when terrestrial radiation is strongest, and descending air-currents now play the chief part, cloud is less and skies are clearer.

Diurnal Variation of the Rainfall.—The hourly observation of rain and other forms of precipitation commenced on June 24, 1884. These observations are made with considerable difficulty, but the staff of observers have spared no labour to make them as complete and accurate as the circumstances under which they are made admit of. The mean monthly amounts for each hour for the $3\frac{1}{2}$ years are given in Table V. It is premature, owing to the brief period over which the observations extend, to attempt to draw any satisfactory conclusions from the results. The means for the seasons and the year seem, however, to point to an excess above the daily means from 10 A.M. to 9 P.M., and a deficiency during the other hours.

Diurnal Variation of Sunshine.—A sunshine recorder was added to the instruments in the end of February 1884. The mean hourly amounts for the months, seasons, and year are given in Table VII. For the four years the mean number of hours annually was 669, or about 15 per cent. of the possible sunshine. The month of most sunshine was June 1887, the number of hours being 206; then follow August 1885 and May 1884, with 116 and 106 hours respectively; the months of least sunshine were January and October 1886, the hours being respectively 15 and 16. As regards the three complete years for which there are observations, there were 680 hours of sunshine in 1885, 576 hours in 1886, and 898 for 1887, being 16, 14, and 20 per cent. respectively of the possible sunshine.

The most notable feature of the curves showing the partition of the sunshine among the hours of the day is the greater amount before noon than after it, in spring, summer, and autumn. In these nine months there are 306 hours sunshine before noon, and 285 hours after it; whereas in the three winter months the numbers are 35 and 45 hours. The mean monthly amounts of the three consecutive hours of most sunshine are 13·1 hours, from 11 A.M. to 2 P.M. in winter; 21·7 hours, from 9 A.M. to noon in spring; 19·2 hours, from 7 A.M. to 10 A.M. in summer; and 15·8 hours, from 10 A.M. to 1 P.M. in autumn. The diminution in the hours of sunshine which occurs later on in the day is doubtless occasioned by the air currents which ascend from the heated sides of the mountain during the warmer hours of the day, and the larger amount of cloud arising from the condensation of the aqueous vapour which necessarily follows.

In July 1885 there were 162 hours of sunshine, but in July 1886 only 51 hours. In these two months, which represent fairly well the extremes of weather

experienced at the Observatory as respects sunshine and cloud, it is interesting to note that their diurnal curves of atmospheric pressure were all but identical as regards the amplitude of the daily range and the times of occurrence of the two maxima and minima. A blazing sun daily pours its rays on the atmosphere, and a thick envelope of cloud or its absence has apparently but little influence on the thermodynamic effect of the solar rays as expressed in the oscillation of the diurnal curve of pressure.

Miscellaneous.

But in addition to the usual routine work of a Meteorological Observatory of the first order, other observations have been carried on, mostly of a novel character, for which the meteorology of Ben Nevis affords exceptional facilities. Most of these observations have been at least partially discussed, and the results published by the Royal Society of Edinburgh and the Scottish Meteorological Society, of which the following is a brief *résumé*:—

Formation of Snow Crystals from Fog.—This is one of the most striking phenomena to be observed at high-level stations. As Ben Nevis is situated in the path of the Atlantic cyclones, with their vapour-laden wind systems, the formation of snow crystals on the Observatory and all surrounding objects exposed to the drifting fogs when temperature is low proceeds often at an astonishingly rapid rate. The forms and arrangements of the crystals vary with the surface to which they adhere, but all belong to the feathery or fir-cone type, the branches lying at an angle of 30°, with the main axis pointing to windward. On a flat board they gather first and most abundantly near its edges, forming a beautiful border round it, while the centre remains clear, thus suggesting interesting conclusions regarding the relative velocities of the wind at different points of the board. On the other hand, a round post shows an almost uniformly disposed mass of crystals all over its windward half, and so accurately do they point to windward, that it is possible to trace changes in the direction of the wind from the successive layers of crystals at different angles. The rate of growth of the crystals varies with the density of the fog and the speed of the wind. For the winds and fogs of most usual occurrence a growth of about half an inch per hour is the average, but under exceptionally favourable conditions 2 inches per hour has been reached. With a damp feeling in the air, the crystals are icy and hard; but with a temperature considerably under 32° the crystals are looser in texture, and are easily brushed away. On one occasion, during the winter of 1884–85, a post 4 inches square grew into a slab of crystalline snow of about 5 feet broad and 1 foot thick in less than a week, strong south-easterly winds with low temperatures prevailing during the whole time.

The effect of this growth seriously affects all instruments placed outside the Observatory. The cups of Robinson's anemometer are no longer hemispheres, but

irregular hollow bodies bristling all over with pointed crystals, and the arms are increased to many times their original thickness, and ultimately the whole instrument becomes an irregular mass of immovable snow, and of course no observation with it is possible. If the formation of the crystals begin while the anemometer is still turning, the mode of formation is interesting, as throwing light on the behaviour of the wind at different points of the instruments. The crystals form mostly on the outside of the cups and round their edges, leaving the insides pretty clear; the arms carrying the cups get completely covered; and on the diagonal stays supporting the arms the crystals show a beautiful twined structure, pointing downwards and outwards on each side.

But the most serious consequences are those which affect the thermometers. The louvres of the Stevenson's screen for the thermometers become serrated with rows of teeth, which quickly coalesce into a solid mass, completely preventing the possibility of any circulation of the air inside the box. In short, these instruments are no longer in contact with the free atmosphere, and unless a fresh box is fixed up by the observers no observation of the outside temperature of the air would be possible. As it is impossible to devise any arrangement by which the instrument for the temperature of the air could be kept clear of these crystals, or by which it would be secured that it would be constantly exposed in the free atmosphere, the temperature can never be recorded by self-registering instruments. And since barometric observations are but of small value unless accompanied with simultaneous observations of the temperature of the air, it follows that the services of a staff of observers for hourly observations of temperature by night as well as by day can never be dispensed with.*

Winds and Rainfall of Ben Nevis.—Mr Omond has examined this subject minutely from the observations of 1885 and 1886. From this examination it was found that the order of the frequency of the winds on the top of the mountain was, with the percentages of frequency, N. 15; S.E. 14; S.W. 14; W. 13; S. 12; N.E. 11; N.W. 9; E. 7; and calms, 5. In each of the two years, E. and N.W. winds showed the least degree of frequency.

For the two years 1885 and 1886 the winds, arranged in the order of their wetness, with the percentage of the whole rainfall that fell with each wind, were W. 21; S.W. 20; N.W. 18; N. 13; S. 8; N.E. 7; S.E. 5; E. 3; and calms, 5. Thus with N., N.W., W. and S.W. winds, 72 per cent. of the whole falls, whilst for the other half of the compass only 23 per cent. falls. Hence the westerly winds are by far the rainiest, and easterly winds the driest in 1886. The year was divided nearly equally into cyclonic and non-cyclonic periods, there being 4335 hours of the former and 4425 hours of the latter. Nearly four-fifths of the whole rainfall fell during cyclonic periods. In cyclonic periods the percentage of precipitation with

* "On the Formation of Snow Crystals from Fog," by R. T. Omond, *Jour. Scot. Met. Soc.*, Third Series, vol. i. p. 190.

each wind is S.W. 25; W. 20; N.W. 16; N. 11; S. 9; N.E. 7; S.E. 5; E. 2; and calms, 6. The non-cyclonic rainfall, on the other hand, is almost wholly confined to N. 26, N.W. 23, and W. 22; in other words, 71 per cent. falls with winds from these three directions.

It is remarkable that when an anticyclone is to the north or east of Ben Nevis the air is usually very dry; but, on the other hand, if it lies to the south or west, and its centre not very close to the mountain, fog, drizzling rain, or snow prevail. This explains the remarkable dryness of the south-easterly winds of anticyclones at this height, and the equally remarkable wetness of north-westerly winds. Both in cyclones and in anticyclones the N.W. wind is the wettest, and the E. the driest. The N.W. winds do not often blow; but when they do occur, they are always accompanied by great precipitation,—actually great in cyclones, and relatively so in anticyclones. On the other hand, S.E. winds, which are so frequently very wet winds at lower levels, have on Ben Nevis a totally different character, being, with the exception of E. winds, the driest of all the winds, both as regards the total precipitations accompanying them and their mean hourly rainfall.*

Diurnal Variation in the Direction of the Summer Winds.—The most cursory examination of the wind records shows that there is no strongly-marked variation in their direction; nothing, for example, comparable to the land and sea breezes of our coasts. In carrying out this inquiry Mr Omond reduced, by means of a transverse table, to north-south and west-east co-ordinates each observation during the summer months of 1884 and 1885, taking account of the velocity of the wind as well as its direction, so as to obtain an approximation to the mean air motion at each hour of the day. The scale for wind force at the Observatory is analogous to the Beaufort scale, running from 0 to 12. The estimations in use by the observers were compared with the results when working the Robinson's anemometer at the same times, from which it was ascertained that the equivalents in miles per hour were the following:—

Scale 0 to 12, .	0	1	2	3	4	5	6	7	8	9	10	11	12
Equivalent in miles per hour, . .	0	5	12	21	31	39	50	63	73	(85)	(96)	(108)	(120)

The observations from the Robinson's anemometer above force 8 could not be used to determine the equivalents for the higher velocities with accuracy, but by plotting the results on a diagram, and continuing the line into the higher values, the bracketed numbers were obtained. The result indicates that the velocity of the wind in a first-class Ben Nevis gale, such as occurred, for example, in February 1885, is about 120 miles an hour.

When the observations were dealt with in this way the winds indicated a well-marked diurnal variation. From 3 to 8 A.M. there is a northerly wind of about

* "The Winds and Rainfall of Ben Nevis," *Jour. Scot. Met. Soc.*, Third Series, vol i. p. 275; and vol. ii. p. 18.

2½ miles an hour; and from 11 A.M. to 2 P.M. S. or S.S.E. wind of about 3 miles an hour. At the other hours the differences are small and variable in direction, except about midnight, when there is an indication of a moderate difference in the same direction as the mean daily wind. This, however, may really be traced to the well-marked increased velocity of the Ben Nevis winds at this time of the day.

The most marked features in the diurnal variation are the northerly winds shortly after sunrise, and the southerly winds about noon. Mr OMOND is inclined to the opinion that the shape of Ben Nevis affords the explanation of this variation. The ridge of the hill top runs east and west; the deep gorge on the north side is penetrated by the sun for only a few hours after sunrise in summer; and on the other side, a steep slope goes down into Glen Nevis at an angle of about 30°. In the early morning, the sun's rays heat the northern valley, while the glen on the south side is still in shade, thus the heated air from the northern gorge ascends and flows over the summit as a northerly wind. On the other hand, as the day advances and the sun acquires southing, the northern valley falls into shade, while Glen Nevis, being now heated by the sun's rays, the current rising from it flows over the summit as a southerly wind.*

Thermal Windrose.—This subject was investigated by Mr RANKIN, from the three years' observations from June 1884 to May 1887. The eight directions of wind in the order of their temperature are—S., 32°·6; S.W., 32°·5; W., 31°·4; N.W. and S.E., each 30°·2; E., 27°·8; N., 27°·6; and N.E., 26°·5. Thus the warmest wind is S., 32°·6, and the coldest N.E., 26°·5, the difference between the two being 6°·1. The warmest point oscillates between S.W. in winter, passes through S. to S.E. in July and September. Easterly winds (S.E., E., N.E.) have 20°·7, but westerly winds only 15°·6 as their mean annual range, thus showing the greater influence of the land than of the sea in raising the temperature of the winds. Winds from S., S.W., W. and N.W. indicate an annual minimum in January, and winds from N. N.E., E. and S.E. in March. Winds from N.E. and N.W. have the maximum in August, but all other directions in July.†

Temperatures at different Heights above Ground.—The results of a month's observations of two sets of temperature in Stevenson's screens, one at the normal height of 48 inches, the other at 112 inches above ground, have been discussed by Mr OMOND. The observations extended over part of July and the whole of August 1886.

Along with these shade temperature readings were taken of a black bulb *in vacuo*. The thermometer inside the glass jacket was a common thermometer, with the bulb blackened in the usual way, showing therefore the solar radiation at the time of observation, instead of, as in the usual maximum black bulb, giving only

* "The Diurnal Variation in the Direction of the Summer Winds on Ben Nevis," by R. T. OMOND, *Proc. Roy. Soc.*, vol. xiii. p. 839.

† "The Thermal Windrose at the Ben Nevis Observatory," by ANGUS RANKIN, *Proc. Roy. Soc.*, vol. xiv. p. 416.

the greatest intensity since being last set. With this thermometer it is remarkable that the maximum occurred almost exactly at noon, and the mean hourly diurnal varied from the minimum 38°·1 at 4 A.M. to the maximum 67°·0 at noon, showing thus a variation of 28°·9 in the temperature thus observed.

Quite different was the temperature shown by the thermometers in the Stevenson screens, in both cases the minimum occurring at 5 A.M. and the maximum 4 P.M. At 48 inches above ground the minimum was 38°·4, and the maximum 42°·0; and at 112 inches the figures were 38°·5 and 41°·8, being thus nearly the same. The diurnal variation was 3°·6 and 3°·3 respectively, the smaller variation, as was to have been expected, at the greater height. During the time there was an entire absence of calm days with bright sunshine, when the stones which strew the summit get so heated as to be disagreeable to handle, and consequently the diurnal variation was less than would otherwise have been the case. Two days only could be characterised as fine days, and on these days a relatively greater range was observed at the lesser elevation.*

Rainband Observations.—After some preliminary and fragmentary observations, rainband observations began to be a regular part of the work of the Observatory in June 1885. The instrument employed is one of Hilger's small pocket spectroscopes fitted with a glass cap as a slit-protector. It is 2 inches long, and shows the prominent lines in the solar spectrum very distinctly, and the rainband as a separate line. The part of the sky observed is always about 40° above the south-western horizon. The observations were discussed by Mr RANKIN in 1887, and were compared with the rainfall and temperature. The mean results show that a heavier rainband indicates a heavier rainfall. The rainfall is greater for the three hours than for the twelve hours after the observation for the higher values of the scale; and it is less for the lower values. Hence the observed higher values are accompanied or soon followed by a heavy rainfall, which tends to become less heavy in the next twelve hours. The lower values, on the other hand, though they may be neither accompanied nor followed in the next three hours by any rain, are followed by a considerable rainfall before the twelve hours are run.

A great many of the anomalies the observations show are explained when the effects of temperature are taken into consideration. Thus for any rainband value the precipitation is less with a higher, and greater with a lower temperature. Again, when the temperature falls after the observation, the subsequent rainfall is greater; but when it rises, the rainfall is less than it would have been if the temperature had remained constant. The very highest values, which were almost all accompanied or followed by heavy rain, appear to be characteristic of, or part and parcel of the cyclones which sweep in from the Atlantic laden with warmth and moisture.

* "Temperatures at Different Heights above Ground," by R. T. OMOND, *Proc. Roy. Soc.*, vol. xiv. p. 24.

When heavy rain is the result of moisture-laden air ascending from lower levels, the values of the rainband are not affected by it. There is another state of weather in which precipitation appears to be indicated by the spectroscope, but no rain follows. This occurs when snow crystals are rapidly deposited from the fog on the windward side of exposed objects, as already described.

Occasionally, the observers are above the clouds, with clear sky and bright sunshine overhead, while all other hills are covered with a continuous white sheet of cloud, extending to the horizon in every direction. In such conditions a strong rainband is always obtained in June, July, and August, in a horizontal line close over the clouds, although the rainband may be absent on the blue sky. About half an hour before sunrise on 18th December 1885, the upper-glow was very fine; on it the rainband was 3; but when the sun appeared the rainband on his disc was beyond the scale of the instrument. It was estimated at 12, being the highest yet observed.

The rainband observations of 1st July 1886 are specially valuable. The following were the readings :—

At 6 A.M.	the value was	6
,, 9 ,,	,,	4
,, noon	,,	2
,, 6 P.M.	,,	2

At 6 A.M. temperature was 36°·7, at noon 40°·1, and at 6 P.M. 43°·5. Till 1 P.M. the Ben was enveloped in mist, accompanied with a slight drizzle; at 2 P.M. it cleared, at 3 P.M. the humidity had fallen to 62, and before sunset upwards of six hours of sunshine was recorded. The decreasing rainband indicated that the moist air aloft was slipping away or sinking below the level of the summit, and that the air which was taking its place was comparatively dry. This increased dryness and warmth of the air indicated that an anticyclone was forming and settling over this part of Europe.*

St Elmo's Fire.—During the five winters from 1883 to 1888, fifteen cases of St Elmo's fire were recorded. These all occurred during the night time, and during the winter months from September to February. It is difficult, if not impossible, to observe this meteor in ordinary daylight, or in strong twilight, and this consideration perhaps accounts for the absence of recorded cases during day and during the summer months. On one occasion it was *heard* in the day time, being identified by the peculiar and unmistakable hissing sound which accompanies it.

These fifteen cases have been discussed by Mr RANKIN, in connection with the observations of pressure, temperature, wind direction, and rainfall for 30 hours before and 24 hours after the time of occurrence of St Elmo's fire. It is shown that the weather which precedes, accompanies, and follows it has very definite

* "Rainband Observations on Ben Nevis," by ANGUS RANKIN, *Jour. Scot. Met. Soc.*, Third Series, vol. i. p. 279.

characteristics, not only on Ben Nevis, but also over the west of Europe generally. Indeed, so well marked is the weather, and so notorious for its stormy character, that the observers regard it as a distinct type of weather, and call it by the name of St Elmo's weather.

From 30 hours before St Elmo's fire is seen, the barometer falls steadily till 6 hours before, and thereafter rises till 16 hours after the appearance, with a slight break in the rise at the time of occurrence of the phenomenon. The cases occur during the well-defined depression of a cyclone, generally about 6 hours after the centre of lowest barometer has passed.

As regards temperature, a maximum is reached about 24 hours before St Elmo's fire is seen; for between 24 and 16 hours before the display, temperature is on the whole steady, but from 16 hours before, temperature falls continuously till 16 hours after, when a minimum temperature is reached. The rate of fall is more rapid before than after St Elmo's fire is seen. It was by noting the variations in the temperature before the display of this phenomenon that on several occasions successful forecasts of the phenomenon were made some hours before its appearance.

The chief points to be noted with respect to the wind are that till from about 8 or 10 hours before the appearance of St Elmo's fire the wind is from a direction south of west, and thereafter from a direction north of west; that from 18 hours till 6 hours before its occurrence, the wind steadily veers, from which time till 10 hours after its appearance the veering nearly ceases; and that the mean winds are all in the western half of the compass.

The rainfall observations show two distinct maximum periods, viz., between 10 and 6 hours before St Elmo's fire is seen, and again at the time of its occurrence; while there are also two equally defined minima, one between 30 and 26 hours before, and the other 15 to 18 hours after its appearance. The maximum at the time of its occurrence is wholly due to the heavy showers of snow and snow-hail that accompany the displays. This snow-hail is in the form of small cones, with spherical bases, and is hard and dry, but not icy.

The Weather Charts at the times show that the depression of which St Elmo's fire is an accompaniment, comes from the Atlantic, and that the centre passes eastwards somewhere to the north of Ben Nevis, this being substantially the part of cyclones where electrical displays are of most frequent occurrence.

A more particular examination of the Weather Charts of the Meteorological Office indicate that somewhere to the south or south-east of the British Islands, usually over the south of France and the Spanish Peninsula, there was an anticyclone at the time; and to the west or north of Scotland the low depression of a cyclone. Between the two regions the barometric gradient was chiefly for S.W. or W. winds, and was generally a pretty steep one. So long as the anticyclone maintained its position to the south-east, so long was the weather of the British

Islands disturbed by a series of Atlantic cyclones, that usually passed in a north-easterly direction with the paths of their centres lying off our west and north-west coasts. Thunder and lightning occurred at lower levels over the British Islands on several of the nights that St Elmo's fire appeared on Ben Nevis. Only on one occasion, on 4th February 1887, was thunder and lightning observed on Ben Nevis about the times of occurrence of St Elmo's fire. On that occasion the thunderstorm was two hours subsequent to St Elmo's fire.

It deserves to be specially noted that well-nigh invariably St Elmo's Fire is not a prognostic of any improvement in the weather, but in almost every case another cyclone followed, ushering in another spell of bad weather.*

Thunderstorms.—From the opening of the Observatory in December 1883 to March 1890, 56 thunderstorms have been observed. These have been discussed by Mr R. C. MOSSMAN. They are phenomena of very irregular occurrence, eight having occurred in 1887, while none whatever were observed during the two previous years. On the other hand, five occurred during January 1890. Thunderstorms, including lightning without thunder, are essentially autumn and winter phenomena, 70 per cent. of the whole having occurred from September to February. The winter maximum of thunderstorms is thus a well-marked feature in the meteorology of Ben Nevis. Only two cases have been recorded in April, and none at all in March, these being the months of minimum frequency in all parts of Scotland.

Thunderstorms are rare in summer, only eight cases having occurred during the four months from May to August. On the other hand, they are twice as frequent during summer at Fort-William as at the Observatory, so that a considerable number must be below the summit of the mountain.

The hourly distribution of thunderstorms on Ben Nevis shows a distinct evening maximum, nineteen cases having occurred during the three hours ending 9 P.M., while there were only two in the seven hours ending 2 P.M. A secondary maximum occurs at 7 in the morning.

The partition of the thunderstorms in relation to the hours of sunrise and sunset gives very interesting results, it being found that all the summer cases, with only six exceptions, which were cases of lightning only, occurred when the sun was above the horizon; while out of thirty-seven cases observed in the autumn and winter, thirty-two took place when the sun was below the horizon. Only one case of lightning without thunder was observed when the sun was above the horizon, thus resembling the similar electrical phenomena observed over the open sea during the "Challenger" Expedition. As regards sunrise and sunset, the thunderstorms at Fort-William show a similar distribution to what obtains at the Observatory.

Mr MOSSMAN compared all these cases of thunderstorms with the Daily Weather Charts at the times of their occurrence, and clearly showed that in winter they are associated with a well-marked type of weather, having low pressure to the W. or

* "St Elmo's Fire on Ben Nevis," by ANGUS RANKIN, *Jour. Scot. Met. Soc.*, Third Series, vol. ii. p. 191.

N.W., with high pressure over the Iberian Peninsula; in other words, the identical weather conditions under which Mr RANKIN has shown the instances of St Elmo's fire have occurred. The winter thunderstorms invariably occur on the S.E. side of the cyclone's centre, with the easterly passage of which they appear to be intimately connected. On several occasions, when the lowest barometric reading of the cyclone occurred many hours before or after the thunderstorm, a slight fall in pressure took place at the time of the thunderstorm.

Temperature is little affected either by the winter or summer thunderstorms. Such rapid falls of 5° or 10° in an hour, as frequently accompany or immediately follow the thunderstorms of lower levels, have not been observed to occur at the height of the Observatory. Strong squalls, from 60 to 80 miles an hour, frequently accompany the thunderstorm in a manner more uniform and marked than lower down in the plains below.

The thunderstorms at the High-Level Observatories on the Continent—at Säntis, 8215 feet; the Rigi, 5905 feet; and the Great St Bernard, 8131 feet—have also been examined during the same years. These all show the thunderstorms to be restricted to the period of the year between April and October, thus proving that these Observatories are quite outside the sphere of winter thunderstorms. Further, 90 per cent. of the recorded cases occur in the day time between the hours of sunrise and sunset, being thus in marked contrast to Ben Nevis, not only as regards the season of the year, but also as regards the hours of the day. Indeed, thunderstorms in winter are not met with at any of these continental High Level Observatories.*

Daily Mean Temperatures.—These have been calculated by Mr OMOND, both for the Observatory and Fort-William, for the six years ending 1889. The coldest day (19°·1) is March 3, and it is evident from the general trend of the temperature curve, that the true annual minimum occurs in the beginning of March, being from four to six weeks later than in the low country, but a little before the time of the annual minimum of the water of the Atlantic.

The time of maximum temperature is not so clearly marked, the day of highest mean temperature (45°·5) is July 2, but there is a secondary maximum (43°·2) on August 8, thus agreeing with most land stations in having a double summer maximum.

It is thus plain that while the time of the winter minimum is delayed at this high level, the time of occurrence of the summer maxima is nearly a fortnight earlier than at lower levels,—features in the annual distribution of temperature which Ben Nevis has in common with other High-Level Observatories.

The most striking feature in the annual curve of temperature is the sudden rise in the middle of June. Thus on the 15th the mean 34°·8, on the 18th, 44°·9, or an increase of 10°·1 in three days. This rise is well marked in each of the six years.

* "Thunderstorms at Ben Nevis Observatory," by R. C. MOSSMAN, *Jour. Scot. Met. Soc.*, Third Series, vol. iii.

On the other hand, the most marked permanent fall occurs about the autumnal equinox.*

Hygrometry.—A series of elaborate hygrometric observations was made at the Observatory from August to October, 1885, by Mr H. N. Dickson, under the direction of Professor Tait and Dr Buchan. In this investigation along with the ordinary dry and wet bulb hygrometer, Professor Chrystal's direct hygrometer, in use at the Observatory, was employed. The results obtained are of very considerable value in determining how far Glaisher's factors, so largely used by meteorologists in such inquiries, can be safely used. As regards the remarkably dry states of the air, which form so prominent a feature in the climatology of Ben Nevis, Glaisher's factors were found to be altogether inapplicable, and for such hygrometric observations a specially constructed set of tables is therefore required.†

Earth Currents in the Telegraph Cable.—Hourly observations were made by Mr Dickson from 20th September to 4th October 1885. The curve of hourly values, obtained by taking the mean deflection for each hour, showed a well-marked daily variation. During the early part of the night, a current passes through the cable up the hill, and appears to reach a maximum at 9 P.M. and again at 2 A.M. Two hours after a rapid diminution sets in, and at 5 A.M. the current is reversed. Immediately after this the potential at the summit again falls relatively to that at Fort-William, and then a current ascends, increasing in strength to a well-marked maximum at 10 A.M. This is succeeded by another equalisation, and the current is again reversed about 1 P.M., after which it passes down the line till about 6 P.M. Thereafter the current again takes an upward direction through the line, increasing pretty regularly to the maximum at 9 P.M. These results were confirmed by a series of observations conducted by Mr Omond during the summer of 1888.

From observations on atmospheric electricity on the summit of Dodabetta, Professor C. Michie Smith has shown that on the edge of a dissolving mist the potential is lower than the normal, but higher on the edge of a condensing mist. Now in nearly every case, when the top of Ben Nevis became clear for a short time, a strong current was coming up the line, while as soon as the summit was again enveloped the current was reversed. The connection between the moisture of the atmosphere and the earth currents is still further shown by the rainfall. During a fall of rain or snow, the current is almost always found to pass down the cable; and, in the case of a sudden shower, the current sometimes drove the mirror of the galvanometer violently off the scale. A cessation of rain or snow generally had an exactly opposite effect.

If it be assumed that the summit of Ben Nevis takes the potential of the masses of vapour covering it, and the earth-plate at the base be considered as the

* "Daily Mean Temperatures at Ben Nevis Observatory and Fort-William," by R. T. Omond, *Jour. Scot. Met. Soc.*, Third Series, vol. iii.

† "The Hygrometry of Ben Nevis, by H. N. Dickson, *Proc. Roy. Soc. Edin.*, vol. xiii. p. 957.

the real earth, or zero of potential, it is obvious that these results are confirmatory of theory advanced by Professor MICHIE SMITH, a conclusive proof of which would be of great importance in investigations connected with thunderstorms.*

Optical Phenomena.—The resolution to erect an Observatory on Ben Nevis at once called attention to the fact that many branches of science, besides the ordinary meteorological ones, might obtain from the Observers data of great value, not easily to be obtained elsewhere. Among these the very interesting Optical Phenomena exhibited in sunshine by mountain mists hold a prominent place. Coronæ and Fog-bows are common enough appearances at low stations, but Glories are very rare and always extremely imperfect,—so much so, in fact, that the theory of their production is not yet certain. It became, therefore, extremely desirable that the Ben Nevis Observers should be instructed to look out for such appearances, and should be furnished with some simple means of measuring them with sufficient accuracy. As the measurements required are merely angular diameters of coloured rings, a very rudimentary apparatus amply suffices for the purpose; and its indications, along with eye observations of the distribution of colours in the various rings, contain all that need be observed. Mr OMOND has already communicated to the Royal Society of Edinburgh a very extensive series of measures of Glories,† from which, no doubt, materials for the testing of the various theories of their origin may be obtained (see Plate). As a check on these measurements, he has given a number of details of dimensions of Coronæ, Rainbows, and Halos. The latter, especially, give an excellent test of accuracy of angular measure.

Relations of the Observations to Weather.

This important application of the observations to practical matters has been in progress for some time, and, so far as the investigation has gone, it is clear that considerable and especially rapid changes from the normal differences of temperature and pressure are frequent concomitants and precursors of storms, but more particularly of destructive winds during storms. Of these departures from the normals the most important are the cases that show an unusually rapid decrease of temperature with height—a result which is only what was to have been expected, seeing that such observations indicate a disturbance of the equilibrium of the atmosphere. It is well known that the most destructive winds that accompany tornados occur where they are preceded by a highly super-heated and super-saturated atmosphere near the earth's surface, and are followed by markedly colder and drier weather. These and

* "Observations on Earth-Currents in Ben Nevis Observatory Telegraph Cable, by H. N. DICKSON, *Proc. Roy. Soc. Edin.*, vol. xiii. p. 530.

† "Glories, Halos, and Coronæ seen from Ben Nevis Observatory," by R. T. OMOND, *First Paper*, *Proc. Roy. Soc. Edin.*, vol. xiii. p. 500; *Second Paper*, vol. xiv. p. 314.

other observations seem in favour of the idea that tornados and the most destructive gusts in storms, which are analogous to tornados, are the immediate effects of uprushes of warm moist air-currents and downrushes of colder and drier air to take their place. Now, to this important inquiry Ben Nevis contributes invaluable data, with its observations of sudden, rapid, and often short-continued changes of temperature and humidity, many of which are strictly limited to the upper region of the mountain, as first shown by the observations made by Mr WRAGGE in 1882 at the eight stations on the slopes of Ben Nevis, from sea-level to the top, and since confirmed by the observations at the Observatory.

If there be conjoined with an unusually rapid rate of decrease of temperature with height a lower sea-level pressure, calculated from the Ben Nevis Observatory readings, than what is actually observed at Fort-William; that is to say, when the barometric observations indicate a more rapid decrease of temperature with height somewhere in the aerial stratum between sea-level and the top of the mountain than the thermometric observations alone show, then the indications of a coming storm become more decided. Conversely, the absence of any abnormally rapid decrease of temperature with height, as may be ascertained from all the observations, is rarely attended or followed by storms of wind.

On the other hand, abnormally high temperatures are observed at the top, when the temperature is occasionally even higher than at Fort-William; these are always restricted to the higher parts of the mountain, are not associated directly with storms, but are the accompaniments of anticyclones and the fine weather which characterises them. Indirectly, however, owing to their dependence on the cyclone with its adjoining anticyclone, it is impossible to overstate the value of these Ben Nevis observations in any serious investigation of the weather changes of north-western Europe.

Since 1868 the Scottish Meteorological Society has, through the courtesy of the Commissioners of the Northern Lighthouses, been favoured with meteorological observations from all the Lighthouses, each keeper of a lighthouse being thus a regular observer of the Society. An important part of the keepers' duty is to record the hour of beginning and ending, and varying force of all strong winds, gales, and storms that occur. The observations made at the Lighthouses since December 1883, when the records of the Observatory commence, have been plotted on monthly sheets, which show graphically when and where storms occurred round the Scottish coasts; and on the same sheets have been entered, for the respective Meteorological Districts, all cases when storm signals have been hoisted and kept up, under direction of the Meteorological Office. The investigation is still in progress, but the following results may be provisionally stated.

If we except the cases in which the barometer at the Observatory was unduly lowered by high winds as above explained, by far the larger number of the remaining cases, on which the calculated sea-level pressure was less than what was actually observed at Fort-William, either preceded or accompanied storms; and when the differences were unusually great, the storms were widespread and severe. Again, if we neglect the occasions during 1884, the storms of which have been more particularly examined, when the wind exceeded the rate of 30 miles an hour, there remain nine instances which, in the west and north of Scotland, were not followed by any storm. On eight of these occasions the observations did not indicate the existence of any disturbance in the lower stratum of the atmosphere between the Observatory and sea-level.

It is evident from the importance of the results already arrived at that the Ben Nevis Observatory must be regarded as contributing towards the development of meteorology, and particularly of that department which deals with the forecasting of the weather of the British Islands, a body of facts differing wholly in kind from what is or can be contributed by any other Meteorological Observatory or Station in the country.

Addendum, November 5, 1890.—On the 14th July 1890, the Low-Level Observatory at Fort-William was completed, and the regular work of hourly observations of a first-class Observatory was begun. Since that date, hourly observations made both at the top and the bottom of the mountain are available in the discussion of the various meteorological problems, including storms and other weather changes. Arrangements have been made for the carrying on, at the two Observatories and at the Office in Edinburgh, the discussion and utilisation of this important work. In this discussion, more special attention will be given to the bearings of the observations on the cyclones and anticyclones of Europe. In this connection Dr HANN has discussed the observations made at the High-Level Meteorological Observatories on the Continent, which must, however, be regarded as outside the track of the European cyclones, and none of them can be said to have a Low-Level Observatory with which its observations can be compared. It is this consideration which gives their unique value to the Ben Nevis double set of observations, seeing it is these alone that contribute the data of observation toward an understanding of the vitally important changes which take place from sea-level to a height of from four to five thousand feet.

LIST OF INSTRUMENTS.

Fortin Barometer, No. 1385, made by Negretti & Zambra, London, graduated from 22·3 inches to 31·2 inches, and reading on vernier to 0·002 inch; scale correction + 0·006, which has been applied to its readings; compared at Kew in June 1883.

Fortin Barometer, No. 1252, made by Nigretti & Zambra, London; graduated from 23·0 inches to 31·2 inches, and reading on vernier to 0·002 inch; scale correction + 0·010, which has been applied to its readings; compared at Kew.

Redier Aneroid Barograph, with recording papers.

Do. Thermograph, with recording papers.

Thermometers with Kew Certificates.—Standards Nos. 178490 and 178491, made by Adie and Wedderburn, Edinburgh; graduated from 0° to 230° and from − 30° to 235° respectively; scale correction nowhere exceeding 0°·1.

Ordinary, with glass scales, Nos. 192660, 192671, 192,672, and 192677, made by Adie & Wedderburn, Edinburgh; also No. 50850 and 50852, made by Negretti & Zambra, London, but fitted with glass scales by Adie & Wedderburn, Edinburgh.

Ordinary, with porcelain scales, Nos. 50851, 50953, and 50945, made by Negretti & Zambra, London.

Ordinary, with cylindrical bulbs and scale numbers etched on stem No. 50524, made by Negretti and Zambra, London; and Nos. 63728 and 63729, made by Adie & Wedderburn, Edinburgh.

Black Bulb *in vacuo*, No. 484108, by Hicks, not maximum.

Registering Maximum, with metal scales, Nos. 117293 and 138590, made by Adie & Wedderburn, Edinburgh.

Registering Minimum, with metal scales, Nos. 116918, 138545, and 138533, made by Adie and Wedderburn, Edinburgh.

Registering Maximum Black Bulb *in vacuo*, No. 186, made by Hicks, London.

Thermometers without Kew Certificates.—Ordinary, with metal scale, No. 7, made by Frazer, Edinburgh.

Ordinary, with cylindrical bulb and scale numbers etched on stem, made by Kemp, Edinburgh, for Professor Chrystal's Hygrometer.

Three, with different sized spherical bulbs, made by Kemp, Edinburgh.

Turn-over Thermometers for clock, Nos. 50198 and 50199, made by Negretti & Zambra, London.

Maximum, on wooden frames, Nos. 108 and 2113, made by Negretti & Zambra, London.

Maximum Black Bulb *in vacuo*, with radiometer attached, No. 64, made by Hicks, London.

Minimum, on wooden frames, Nos. 1447 and 1449, made by Negretti & Zambra, London.

Minimum, with metal scale, made by Fraser, Edinburgh.

Radiation Minimum with hollow cylindrical bulb, No. 46309, made by Hicks, London.

The above thermometers are all graduated on the stem to single degrees. Those with Kew certificates are used for the ordinary observations; their scale correction in no case exceeds 0°·3. Those without Kew certificates are only used occasionally, and are then compared with the Observatory standards, Nos. 178491, and 178490 and the corrections so found applied to their readings.

Rain and Snow Gauges.—

Two eight-inch Gauges, with screw taps.

Two five-inch „ stop cocks.

Six five-inch „ screw taps.

The last set are those in ordinary use; they are made all in one piece, with extended bases rounded underneath so as to be easily levelled when resting on snow.

Three five-inch Measuring Glasses, graduated to 0·01 inch.

Three Spirit-Levels.

Glass Carboy and Funnel for collecting rain-water.

TABLE I.—Showing MEAN HOURLY TEMPERATURE at the BEN NEVIS OBSERVATORY for Four Years ending December 1887; and HOURLY DEVIATIONS from the MEAN MONTHLY TEMPERATURES. The heavy type indicate a Deviation above the Means, light type below it.

	Mid-night.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Mid-night.	Means.
TEMPERATURE—DRY BULB.																										
January, .	23°5	23°6	23°6	23°7	23°5	23°4	23°6	23°5	23°5	23°5	23°7	23°8	23°9	23°9	23°8	23°9	23°7	23°6	23°5	23°4	23°4	23°3	23°3	23°3	23°3	23°6
February, .	23·6	23·5	23·4	23·4	23·5	23·4	23·4	23·2	23·2	23·4	23·8	24·2	24·4	24·6	24·6	24·5	24·3	24·0	23·8	23·7	23·7	23·8	23·7	23·7	23·6	23·8
March, .	22·8	22·8	22·7	22·6	22·7	22·5	22·6	22·6	22·8	23·1	23·4	23·8	24·1	24·1	24·3	24·2	24·0	23·6	23·5	23·4	23·3	23·2	23·0	23·0	22·9	23·3
April, . .	26·0	25·9	25·7	25·6	25·4	25·4	25·4	25·6	25·9	26·5	26·8	27·4	27·7	27·8	28·0	28·0	28·0	27·9	27·6	27·2	26·9	26·7	26·4	26·2	26·0	26·7
May, . .	29·4	29·3	29·2	29·1	29·0	29·1	29·4	29·6	30·0	30·4	30·9	31·3	31·8	32·0	32·2	32·2	32·2	31·8	31·6	31·3	30·8	30·4	30·1	29·8	29·7	30·6
June, . .	37·4	37·3	37·1	37·0	37·0	36·9	37·1	37·4	37·7	38·2	38·6	39·1	39·7	40·1	40·4	40·5	40·5	40·4	40·0	39·6	38·8	38·4	38·3	38·1	37·8	38·6
July, . .	40·2	40·0	39·8	39·6	39·4	39·3	39·4	39·6	40·0	40·4	40·9	41·5	42·0	42·2	42·5	42·5	42·5	42·2	41·8	41·6	41·1	40·8	40·5	40·2	40·0	40·8
August, .	39·8	39·8	39·5	39·4	39·2	39·0	39·1	39·3	39·4	40·1	40·7	41·2	41·8	42·1	42·5	42·5	42·4	42·2	41·7	41·1	40·7	40·4	40·1	40·0	39·8	40·6
September, .	36·2	36·1	36·1	35·9	35·9	35·7	35·6	35·7	36·2	36·6	37·1	37·4	38·0	38·4	38·5	38·4	38·1	37·6	37·1	36·8	36·6	36·6	36·6	36·4	36·2	36·8
October, .	30·5	30·3	30·1	30·2	30·2	30·2	30·2	30·2	30·3	30·6	30·9	31·2	31·4	31·5	31·4	31·4	31·1	30·8	30·6	30·6	30·5	30·4	30·4	30·4	30·3	30·6
November, .	27·5	27·5	27·6	27·6	27·7	27·6	27·6	27·6	27·5	27·6	28·0	28·2	28·4	28·2	28·1	27·9	27·7	27·5	27·4	27·3	27·3	27·3	27·3	27·3	27·3	27·6
December, .	23·2	23·2	23·0	23·0	23·0	22·9	22·8	23·0	23·0	23·0	23·3	23·5	23·6	23·7	23·7	23·6	23·4	23·3	23·3	23·3	23·3	23·4	23·3	23·2	23·4	23·3
Year, .	30·0	29·9	29·8	29·8	29·7	29·6	29·7	29·8	30·0	30·3	30·7	31·0	31·4	31·6	31·7	31·6	31·5	31·2	31·0	30·8	30·5	30·4	30·2	30·1	30·0	30·5
CORRECTIONS—TEMPERATURE.																										
January, . .	·1	·1	·0	·2	·3	·1	·1	·1	·1	·1	·2	·3	·3	·2	·3	·1	·0	·1	·1	·1	·2	·2	·2	·2	·7	
February, . .	·3	·4	·4	·3	·4	·4	·6	·6	·4	·0	·4	·6	·8	·8	·7	·5	·2	·0	·1	·1	·0	·1	·1	·2	·4	
March, . .	·5	·6	·7	·6	·8	·7	·7	·5	·2	·1	·5	·8	·8	1·0	·9	·7	·3	·2	·1	·0	·1	·3	·3	·4	1·0	
April, . . .	·8	1·0	1·1	1·3	1·3	1·3	1·1	·8	·2	·1	·7	1·0	1·1	1·3	1·3	1·3	1·2	·9	·5	·2	·0	·3	·5	·7	·8	
May, . . .	1·2	1·3	1·4	1·5	1·4	1·1	·9	·5	·2	·3	·7	1·2	1·4	1·6	1·6	1·6	1·1	·9	·6	·1	·3	·6	·9	1·0	1·2	
June, . . .	1·1	1·3	1·4	1·5	1·6	1·4	1·1	·8	·3	·0	·5	1·1	1·5	1·8	1·9	1·8	1·7	1·3	·9	·1	·3	·5	·7	1·0	1·4	
July, . . .	·9	1·1	1·3	1·5	1·6	1·5	1·2	·8	·4	·1	·7	1·2	1·4	1·7	1·7	1·7	1·4	1·0	·9	·4	·1	·2	·5	·7	·7	
August, . .	·8	1·1	1·2	1·4	1·6	1·5	1·3	1·2	·5	·1	·6	1·2	1·5	1·9	1·9	1·8	1·6	1·1	·5	·1	·2	·5	·6	·8	·4	
September, . .	·7	·7	·9	·9	1·1	1·2	1·1	·6	·2	·3	·6	1·2	1·6	1·7	1·6	1·3	·8	·3	·0	·2	·2	·2	·4	·6	·4	
October, . .	·4	·6	·5	·5	·5	·5	·4	·3	·0	·3	·6	·8	·9	·8	·8	·5	·2	·0	·1	·0	·1	·1	·1	·2	·8	
November, . .	·2	·1	·1	·0	·1	·1	·0	·1	·0	·4	·6	·8	·6	·5	·3	·1	·1	·2	·2	·2	·2	·2	·2	·2	1·1	
December, . .	·0	·2	·2	·2	·3	·4	·3	·3	·3	·0	·2	·3	·4	·4	·3	·1	·0	·0	·1	·1	·0	·1	·2	·0	1·0	
Year, . .	·6	·7	·7	·8	·9	·8	·7	·5	·2	·2	·5	·9	1·1	1·2	1·1	1·0	·7	·5	·3	·0	·1	·3	·4	·5	·3	

Read 12/11/90.

TABLE II.—Showing Mean Hourly Relative Humidity at the Ben Nevis Observatory, during the Four Years, 1884 to 1887; and Hourly Deviations from the Mean Monthly Relative Humidity Sat = 100. The heavy type indicate a Deviation above the Means, light type below it.

	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Mid-night.	Means
Relative Humidity.																									
January, .	97	97	97	97	95	96	95	95	96	95	95	94	96	96	96	96	97	98	98	98	98	97	98	97	96
February, .	96	95	95	94	94	94	95	94	94	95	94	94	94	94	95	95	96	94	95	95	94	95	95	95	95
March, .	94	94	94	93	95	94	94	93	94	94	94	94	95	94	95	96	96	96	96	96	96	96	95	94	95
April, . .	93	93	93	92	92	92	91	92	91	92	92	92	92	92	92	92	93	93	94	94	93	94	94	93	93
May, . .	95	94	94	94	94	94	93	93	95	95	94	93	93	93	92	93	93	94	95	95	96	96	96	95	94
June, . .	91	91	90	90	90	91	90	91	91	91	90	90	90	90	90	90	90	90	90	91	90	90	91	90	90.
July, . .	95	95	95	94	95	94	94	94	95	94	94	94	94	93	94	94	94	94	94	94	95	95	95	96	94
August, .	94	95	96	95	95	94	94	94	94	94	94	93	93	92	93	93	93	94	94	94	94	94	94	94	94
September, .	96	95	95	95	95	94	95	94	94	93	94	93	93	94	94	95	96	96	96	97	96	96	96	96	95
October, .	96	96	97	97	98	98	98	98	98	97	97	97	98	98	97	98	97	96	96	96	96	96	96	96	97
November .	94	94	93	94	93	93	92	94	94	94	93	93	94	92	93	93	92	94	93	94	94	94	94	94	93
December, .	96	96	96	97	96	96	96	96	96	96	97	97	97	97	97	98	97	97	97	97	96	97	96	96	97
Year, .	95	95	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	95	95	95	95	95	95	95	94
Deviations from Means.																									
January, .	·6	·4	·4	·4	1·2	·9	1·6	1·4	·6	1·2	1·4	1·9	·9	·6	·6	·1	·4	1·4	1·4	1·4	1·6	·6	1·6	·8	.
February, .	·8	·5	·3	·2	·7	·9	·1	·5	·7	·1	·2	·7	·2	·2	·1	·1	·8	·3	·1	·1	·2	·3	·1	·5	.
March, . .	·4	·4	·4	1·4	·2	·8	·8	·4	·8	1·1	·8	·1	·4	·6	·2	1·2	1·4	·9	1·6	1·2	1·2	1·2	·4	·8	.
April, . .	·5	·3	·5	·5	·0	·5	1·3	1·0	1·7	·5	·7	·3	1·0	·7	·3	·5	·3	·7	1·0	1·5	·5	1·5	1·5	·5	.
May, . .	·9	·4	·4	·3	·3	·3	·9	·9	·9	1·1	·1	1·1	1·3	1·1	1·9	1·3	1·1	·4	·7	·9	1·4	1·9	1·4	·9	.
June, . .	·2	·2	·1	·8	·3	·5	·0	·5	·8	·6	·2	·2	·2	·6	·9	·9	·1	·2	·3	·7	·3	·0	·6	·4	.
July, . .	·8	1·2	·8	·4	·7	·3	·0	·0	·6	·5	·8	·5	·3	1·1	·5	·2	·6	·4	·3	·3	·5	·4	·4	·9	.
August, .	·2	·8	1·8	1·0	1·2	·5	·5	·2	·5	·5	·5	1·0	1·2	1·5	·8	1·0	1·0	·2	·2	·0	·5	·5	·0	·2	.
September, .	1·4	·1	·1	·3	·3	·6	·2	1·2	1·5	1·8	1·0	1·8	1·8	1·2	1·0	·0	1·2	1·5	1·6	1·9	·9	·9	·9	1·6	.
October, .	1·0	·5	·2	·2	1·0	·8	·9	·9	·9	·3	·3	·3	·9	·6	·1	·6	·1	·7	1·3	·6	1·3	1·0	·8	·3	.
November, .	·4	·1	·2	·1	·2	·2	1·2	·6	·1	·1	·6	·2	·4	·9	·6	·6	·6	·6	·4	·1	·1	1·1	·8	1·	.
December, .	1·0	·7	·7	·0	·3	·3	·7	·7	·0	·0	·5	·3	·3	·3	·7	1·0	·7	·6	·7	·7	·3	·3	·0	·3	.
Year, . .	·3	·2	·2	·1	·0	·2	·4	·4	·1	·2	·5	·6	·4	·	·5	·1	·1	·4	·4	·6	·4	·6	·6	·4	.

TABLE III.—Showing Mean Hourly Heights of the Barometer at 32°, and Hourly Deviations from the Mean Monthly Heights of the Barometer at the Ben Nevis Observatory, for Four Years ending December 1887. The heavy type indicate a Deviation above Means, and the light type below it.

25+inches.

	Mid-night.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Mid-night.	Means.
Hourly Mean Heights of the Barometer.																										
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January,	·130	·126	·120	·117	·112	·107	·104	·104	·108	·111	·112	·110	·106	·097	·092	·090	·094	·094	·096	·098	·101	·102	·100	·101	·098	25·104
February,	·198	·198	·195	·191	·185	·186	·186	·190	·196	·201	·206	·211	·214	·210	·212	·211	·212	·214	·219	·224	·229	·230	·230	·231	·230	25·209
March,	·297	·294	·289	·284	·282	·279	·282	·283	·288	·290	·291	·292	·293	·291	·290	·288	·284	·280	·283	·285	·288	·288	·288	·286	·284	25·287
April,	·276	·271	·266	·262	·259	·255	·258	·261	·267	·273	·277	·282	·286	·287	290	·289	·286	·282	·283	·285	·290	·291	·289	·286	·285	25·278
May,	·312	·308	·302	·299	·295	·291	·296	·300	·305	·308	·313	·318	·321	·323	·328	·326	·324	·319	·318	·318	·322	·324	·324	·322	·319	25·313
June,	·512	·508	·502	·496	·494	·492	·494	·498	·503	·507	·509	·513	·516	·518	·520	·519	·520	·518	·518	·519	·520	·524	·525	·522	·519	25·511
July,	·433	·430	·424	·416	·414	·410	·412	·416	·420	·424	·427	·430	·434	·437	·442	·442	·440	·436	·434	·433	·436	·437	·436	·432	·428	25·429
August,	·433	·430	·424	·419	·415	·412	·414	·418	·422	·426	·430	·432	·435	·437	·440	·438	·435	·430	·430	·429	·433	·434	·433	·429	·424	25·428
September,	·342	·338	·333	·327	·322	·316	·318	·324	·330	·334	·338	·340	·342	·344	·345	·342	·338	·335	·335	·338	·342	·341	·340	·337	·334	25·335
October,	·299	·298	·291	·285	·282	·279	·279	·286	·293	·300	·306	·308	·309	·307	·307	·304	·304	·301	·304	·307	·310	·308	·307	·304	·300	25·299
November,	·246	·243	·237	·232	·225	·221	·222	·222	·229	·232	·235	·239	·236	·234	·234	·236	·238	·238	·241	·246	·250	·252	·251	·250	·250	25·237
December,	·126	·124	·121	·120	·114	·108	·106	·106	·110	·114	·119	·121	·119	·114	·117	·118	·121	·120	·124	·125	·132	·134	·134	·133	·132	25·120
Year,	·300	·297	·292	·287	·283	·280	·281	·284	·289	·293	·297	·300	·301	·300	·301	·300	·300	·297	·299	·301	·304	·305	·305	·303	·300	25·296
Hourly Mean Deviations in Thousandths of an Inch.																										
January,	.	**·006**	**·001**	*·000*	*·004*	*·007*	*·009*	*·008*	*·002*	**·002**	**·004**	**·004**	**·001**	*·006*	*·010*	*·010*	*·005*	*·004*	*·000*	**·003**	**·007**	**·010**	**·009**	**·012**	**·010**	.
February,	.	**·005**	**·001**	*·005*	*·012*	*·013*	*·014*	*·011*	*·007*	*·003*	**·001**	**·004**	**·006**	*·000*	**·001**	*·002*	*·002*	*·001*	**·002**	**·006**	**·010**	**·009**	**·008**	**·007**	**·005**	.
March,	.	**·001**	*·004*	*·008*	*·010*	*·012*	*·009*	*·007*	*·002*	**·001**	**·003**	**·004**	**·006**	**·004**	**·004**	**·002**	*·001*	*·004*	*·001*	**·002**	**·005**	**·006**	**·006**	**·005**	**·003**	.
April,	.	*·003*	*·008*	*·012*	*·016*	*·020*	*·017*	*·015*	*·009*	*·004*	*·000*	**·005**	**·008**	**·009**	**·011**	**·010**	**·007**	**·002**	**·003**	**·004**	**·009**	**·010**	**·007**	**·004**	**·003**	.
May,	.	*·001*	*·008*	*·011*	*·015*	*·020*	*·015*	*·011*	*·007*	*·004*	**·001**	**·005**	**·008**	**·010**	**·015**	**·012**	**·010**	**·005**	**·003**	**·003**	**·007**	**·008**	**·008**	**·006**	**·002**	.
June,	.	**·001**	*·006*	*·012*	*·014*	*017*	*·015*	*·011*	*·007*	*·003*	*·001*	**·002**	**·005**	**·007**	**·009**	**·007**	**·008**	**·006**	**·005**	**·006**	**·007**	**·010**	**·011**	**·006**	**·004**	.
July,	.	*·001*	*·007*	*·015*	*·017*	*·021*	*·018*	*·014*	*·010*	*·006*	*·003*	**·001**	**·005**	**·008**	**·013**	**·014**	**·012**	**·008**	**·006**	**·005**	**·009**	**·010**	**·009**	**·005**	**·001**	.
August,	.	*·002*	*·008*	*·013*	*·017*	*·019*	*·017*	*·012*	*·008*	*·003*	**·001**	**·003**	**·007**	**·009**	**·013**	**·011**	**·008**	**·004**	**·004**	**·004**	**·008**	**·009**	**·009**	**·005**	*·000*	.
September,	.	*·001*	*·006*	*·011*	*·016*	*·022*	*·019*	*·013*	*·007*	*·002*	**·002**	**·004**	**·007**	**·009**	**·011**	**·007**	**·004**	**·002**	**·002**	**·005**	**·010**	**·009**	**·008**	**·006**	**·003**	.
October,	.	*·001*	*·008*	*·014*	*·017*	*·020*	*·020*	*·013*	*·006*	**·001**	**·007**	**·009**	**·010**	**·008**	**·008**	**·005**	**·005**	**·002**	**·005**	**·008**	**·011**	**·009**	**·008**	**·005**	**·001**	.
November,	.	**·008**	**·002**	*·003*	*·011*	*·015*	*·014*	*·014*	*·007*	*·004*	*·002*	**·002**	*·001*	*·003*	*·003*	*·001*	*·000*	*·000*	**·003**	**·008**	**·012**	**·014**	**·012**	**·011**	**·011**	.
December,	.	**·007**	**·004**	**·002**	*·004*	*·010*	*·012*	*·013*	*·009*	*·005*	*·000*	**·001**	*·001*	*·006*	*·003*	*·003*	*·000*	*·001*	**·003**	**·003**	**·010**	**·012**	**·012**	**·010**	**·009**	.
Year,	.	**·001**	*·004*	*·009*	*·013*	*·016*	*·015*	*·012*	*007*	*·003*	**·001**	**·004**	**·005**	**·004**	**·005**	**·004**	**·004**	**·001**	**·003**	**·005**	**·008**	**·009**	**·009**	**·007**	**·004**	.

TABLE IV.—Showing MEAN HOURLY FORCE of the WIND (Scale 0·12); and HOURLY DEVIATIONS from the MEAN MONTHLY FORCE of the WIND at the BEN NEVIS OBSERVATORY, for Four Years ending December 1887. The heavy type indicates a Deviation above the Mean, and the light type below it.

	Mid-night.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Mid-night.	Means.
HOURLY MEAN FORCE OF THE WIND.																										
January, .	3·52	3·70	3·76	3·77	3·78	3·52	3·63	3·64	3·61	3·61	3·60	3·58	3·53	3·59	3·47	3·56	3·49	3·37	3·40	3·37	3·46	3·44	3·53	3·54	3·50	3·56
February, .	3·75	3·69	3·64	3·67	3·68	3·48	3·48	3·48	3·41	3·56	3·47	3·55	3·40	3·44	3·49	3·53	3·56	3·33	3·30	3·36	3·42	3·65	3·68	3·76	3·73	3·52
March, .	3·20	3·28	3·24	3·27	3·22	2·99	3·04	2·98	2·95	3·02	3·00	3·02	2·92	2·98	2·95	2·92	2·92	2·84	2·78	2·80	3·04	3·19	3·12	3·19	3·19	3·04
April, . .	2·54	2·48	2·57	2·74	2·62	2·45	2·52	2·51	2·48	2·48	2·38	2·32	2·22	2·16	2·21	2·23	2·24	2·31	2·30	2·25	2·31	2·55	2·56	2·56	2·52	2·41
May, . .	2·38	2·42	2·50	2·46	2·38	2·18	2·22	2·26	2·21	2·24	2·14	2·20	2·14	2·08	1·96	2·12	2·04	2·00	2·02	2·02	2·14	2·22	2·20	2·30	2·37	2·20
June, . .	2·01	2·06	2·11	2·14	2·15	1·92	2·04	1·85	1·79	1·73	1·72	1·70	1·66	1·64	1·60	1·64	1·58	1·55	1·55	1·56	1·72	1·77	1·80	1·90	1·98	1·80
July, . .	2·20	2·24	2·25	2·28	2·36	2·07	2·03	2·08	1·98	1·91	1·94	1·84	1·80	1·72	1·74	1·86	1·87	1·86	1·81	1·84	2·01	2·10	2·10	2·13	2·22	2·00
August, .	2·01	2·02	2·14	2·12	2·13	2·11	2·11	2·11	1·97	1·92	1·86	1·82	1·73	1·68	1·69	1·67	1·73	1·63	1·80	1·91	1·92	2·01	1·98	1·99	1·97	1·92
September, .	2·29	2·28	2·31	2·36	2·25	2·07	2·06	2·13	1·94	2·00	1·84	1·84	1·92	1·88	2·02	2·05	2·10	2·03	2·03	2·02	2·22	2·20	2·20	2·34	2·38	2·10
October, .	2·70	2·66	2·68	2·83	2·84	2·52	2·54	2·51	2·63	2·68	2·60	2·46	2·41	2·24	2·54	2·46	2·56	2·46	2·48	2·54	2·64	2·64	2·70	2·68	2·78	2·59
November, .	3·06	2·86	2·98	2·97	3·01	2·78	2·74	2·78	2·74	2·74	2·66	2·72	2·78	2·84	2·71	2·76	2·78	2·59	2·62	2·64	2·66	2·82	2·86	2·92	2·99	2·79
December, .	2·88	2·84	2·84	2·87	2·90	2·63	2·70	2·66	2·70	2·67	2·69	2·63	2·64	2·61	2·48	2·66	2·60	2·54	2·63	2·55	2·70	2·74	2·74	2·72	2·88	2·69
Year, .	2·71	2·71	2·75	2·79	2·78	2·56	2·59	2·58	2·53	2·55	2·49	2·47	2·43	2·40	2·40	2·46	2·46	2·38	2·39	2·40	2·52	2·61	2·62	2·67	2·71	2·55
HOURLY MEAN DEVIATIONS.																										
January, . .	**·13**	**·19**	**·20**	**·21**	*·05*	**·06**	**·08**	**·05**	**·05**	**·04**	**·02**	*·03*	**·03**	*·09*	*·00*	*·07*	*·19*	*·16*	*·18*	*·09*	*·11*	*·02*	*·01*	*·05*	.	
February, . .	**·16**	**·11**	**·14**	**·15**	*·05*	*·05*	*·04*	*·11*	**·04**	*·05*	**·03**	*·12*	*·08*	*·03*	**·01**	**·04**	*·19*	*·22*	*·15*	*·09*	**·14**	**·17**	**·25**	**·22**	.	
March, . .	**·24**	**·20**	**·23**	**·18**	*·05*	*·00*	*·06*	*·09*	*·02*	*·04*	*·02*	*·08*	*·06*	*·09*	*·12*	*·12*	*·20*	*·26*	*·24*	*·00*	**·15**	**·08**	**·15**	**·15**	.	
April, . . .	**·06**	**·15**	**·33**	**·20**	**·03**	**·10**	**·10**	**·07**	**·07**	*·03*	*·09*	*·19*	*·25*	*·20*	*·18*	*·17*	*·10*	*·11*	*·15*	*·09*	**·15**	**·16**	**·16**	**·12**	.	
May, . . .	**·22**	**·30**	**·26**	**·18**	*·02*	**·02**	**·06**	**·01**	**·04**	*·06*	*·00*	*·06*	*·12*	*·24*	*·08*	*·16*	*·20*	*·18*	*·18*	*·06*	**·02**	*·00*	**·10**	**·17**	.	
June, . . .	**·24**	**·30**	**·33**	**·34**	**·11**	**·23**	**·04**	*·02*	*·07*	*·08*	*·10*	*·14*	*·16*	*·20*	*·16*	*·22*	*·24*	*·24*	*·23*	*·07*	*·02*	**·01**	**·11**	**·20**	.	
July, . . .	**·25**	**·26**	**·29**	**·37**	**·08**	**·04**	**·08**	*·02*	*·09*	*·06*	*·16*	*·20*	*·28*	*·26*	*·14*	*·13*	*·14*	*·19*	*·17*	*·00*	**·09**	**·09**	**·12**	**·21**	.	
August, . .	**·08**	**·20**	**·18**	**·20**	**·18**	**·18**	**·18**	**·04**	*·01*	*·06*	*·10*	*·19*	*·24*	*·23*	*·25*	*·18*	*·28*	*·11*	*·00*	**·01**	**·10**	**·08**	**·09**	**·07**	.	
September, . .	**·22**	**·24**	**·30**	**·18**	*·00*	*·01*	**·05**	*·14*	*·09*	*·25*	*·25*	*·18*	*·22*	*·09*	*·06*	*·08*	*·09*	*·09*	*·11*	**·09**	**·07**	**·06**	**·20**	**·24**	.	
October, . .	**·11**	**·13**	**·27**	**·28**	*·06*	*·03*	*·06*	**·06**	**·10**	**·02**	*·12*	*·18*	*·35*	*·06*	*·12*	*·04*	*·15*	*·13*	*·07*	**·02**	**·02**	**·08**	**·05**	**·15**	.	
November, . .	**·04**	**·16**	**·15**	**·20**	*·03*	*·07*	*·03*	*·06*	*·06*	*·14*	*·07*	*·01*	**·05**	*·08*	*·02*	*·00*	*·19*	*·15*	*·13*	*·11*	**·05**	**·10**	**·16**	**·23**	.	
December, . .	**·15**	**·15**	**·18**	**·21**	*·06*	**·01**	*·03*	**·01**	*·02*	*·00*	*·06*	*·05*	*·08*	*·21*	*·03*	*·09*	*·15*	*·06*	*·14*	**·01**	**·05**	**·05**	**·03**	**·19**	.	
Year, . .	**·16**	**·20**	**·24**	**·23**	**·01**	**·04**	**·03**	*·02*	*·00*	*·06*	*·08*	*·12*	*·15*	*·15*	*·10*	*·10*	*·18*	*·16*	*·15*	*·03*	**·06**	**·07**	**·12**	**·16**	.	

TABLE V.—Showing the MEAN HOURLY RAINFALL in decimals of an inch at the BEN NEVIS OBSERVATORY, for Three Years and a Half ending December 1887; and HOURLY DEVIATIONS from the MEAN DAILY RAINFALL. The heavy type indicates a Deviation above the Mean, and the light type below it.

	Mid-night.	M. to 1 a.m.	1 to 2 a.m.	2 to 3 a.m.	3 to 4 a.m.	4 to 5 a.m.	5 to 6 a.m.	6 to 7 a.m.	7 to 8 a.m.	8 to 9 a.m.	9 to 10 a.m.	10 to 11 a.m.	11 to N. a.m.	N. to 1 p.m.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.	4 to 5 p.m.	5 to 6 p.m.	6 to 7 p.m.	7 to 8 p.m.	8 to 9 p.m.	9 to 10 p.m.	10 to 11 p.m.	Mid-night.	Amt.
HOURLY MEAN RAINFALL.																										
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January, .	·429	·604	·481	·539	·548	·557	·665	·449	·554	·631	·755	·595	·537	·572	·541	·457	·458	·454	·517	·507	·386	·513	·484	·398	·426	12·628
February, .	·399	·466	·372	·412	·358	·611	·350	·338	·337	·400	·551	·632	·594	·597	·412	·366	·355	·317	·351	·509	·676	·423	·468	·421	·374	11·026
March, .	·359	·375	·410	·340	·234	·324	·423	·333	·332	·245	·298	·300	·271	·512	·389	·372	·422	·310	·311	·389	·372	·371	·287	·228	·360	8·209
April, .	·215	·286	·271	·218	·257	·252	·281	·310	·258	·200	·216	·283	·223	·264	·297	·131	·178	·200	·227	·192	·248	·204	·231	·222	·214	5·663
May, .	·308	·204	·193	·263	·388	·281	·210	·227	·217	·218	·210	·195	·211	·241	·349	·294	·338	·250	·274	·261	·248	·223	·273	·319	·308	6·196
June, .	·329	·257	·340	·288	·194	·268	·332	·282	·188	·225	·321	·286	·406	·285	·369	·466	·281	·323	·352	·359	·342	·301	·243	·280	·329	7·317
July, .	·403	·479	·445	·498	·493	·485	·556	·592	·529	·496	·459	·505	·544	·429	·356	·338	·321	·424	·476	·402	·334	·422	·412	·356	·403	10·752
August, .	·412	·316	·400	·337	·287	·376	·351	·256	·247	·232	·258	·362	·195	·341	·407	·494	·564	·437	·487	·421	·470	·410	·344	·344	·456	8·790
September,	·667	·584	·486	·602	·597	·520	·490	·542	·555	·564	·560	·623	·514	·637	·737	·558	·586	·556	·664	·611	·577	·552	·606	·760	·641	14·124
October, .	·567	·510	·512	·420	·634	·829	·887	·612	·700	·647	·568	·592	·618	·727	·509	·528	·660	·590	·663	·733	·625	·608	·585	·589	·563	14·906
November,	·530	·444	·458	·562	·481	·549	·629	·466	·495	·532	·680	·500	·583	·784	·514	·548	·596	·538	·505	·606	·470	·534	·546	·562	·540	13·121
December,	·663	·820	·808	·836	·747	·650	·836	·654	·744	·687	·841	·840	1·064	1·295	·897	·674	·813	·846	·798	·602	·821	·941	·922	·749	·661	19·544
Year, .	5·281	5·345	5·176	5·315	5·218	5·702	6·010	5·061	5·156	5·077	5·717	5·713	5·760	6·684	5·777	5·226	5·572	5·245	5·625	5·592	5·565	5·502	5·401	5·228	5·275	132·276
HOURLY DURATIONS IN THOUSANDTHS OF AN INCH.																										Means.
January, .		**·076**	*·046*	**·012**	**·021**	**·030**	**·138**	*·078*	**·028**	**·105**	**·229**	**·069**	**·011**	**·046**	**·015**	*·069*	*·068*	*·072*	*·008*	*·018*	*·139*	*·012*	*·041*	*127*	*·098*	*·526*
February, .		**·009**	*·084*	*·043*	*·096*	**·158**	*·102*	*·113*	*·113*	*·049*	**·103**	**·185**	**·148**	**·153**	*·031*	*·076*	*·086*	*·123*	*·088*	**·071**	**·239**	*·013*	**·033**	*·013*	*·059*	*·445*
March, .		**·033**	**·068**	*·002*	*·108*	*·018*	**·081**	*·009*	*·010*	*·097*	*·044*	*·042*	*·071*	**·170**	**·047**	**·030**	**·080**	*·032*	*·031*	**·047**	**·030**	**·029**	*·055*	*·114*	**·018**	*·342*
April, .		**·050**	**·035**	*·018*	**·021**	**·016**	**·045**	**·074**	**·022**	*·036*	*·020*	**·047**	*·013*	**·028**	**·061**	*·105*	*·058*	*·036*	*·009*	*·044*	**·012**	*·032*	*·005*	*·014*	*·022*	*·236*
May, .		*·054*	*·065*	**·005**	**·130**	**·023**	*·048*	*·031*	*·041*	*·040*	*·048*	*·063*	*·047*	*·017*	**·091**	**·036**	**·080**	*·008*	**·016**	**·003**	*·010*	*·035*	**·015**	**·061**	**·050**	*·258*
June, .		*·048*	**·035**	*·017*	*·111*	*·037*	**·027**	*·023*	*·117*	*·080*	**·016**	*·019*	**·101**	*·020*	**·064**	**·161**	*·024*	**·018**	**·047**	**·054**	**·037**	*·004*	*·062*	*·025*	**·024**	*·305*
July, .		**·031**	*·003*	**·050**	**·045**	**·037**	**·108**	**·144**	**·081**	**·048**	**·011**	**·057**	**·096**	*·019*	*·092*	*·110*	*·127*	*·024*	**·028**	*·046*	*·114*	*·026*	*·036*	*·092*	*·045*	*·448*
August, .		*·028*	**·054**	*·011*	*·063*	**·024**	*·002*	*·099*	*·110*	*·127*	*·103*	*·001*	*·170*	*·026*	**·038**	**·123**	**·191**	**·062**	**·110**	**·042**	**·090**	**·028**	*·040*	*·042*	**·068**	*·366*
September,		*·017*	*·114*	**·003**	*·001*	*·076*	*·105*	*·052*	*·038*	*·028*	*·031*	**·033**	*·075*	**·050**	**·151**	*·027*	**·002**	*·027*	**·082**	**·030**	*·003*	*·026*	**·029**	**·184**	**·066**	*·588*
October, .		*·113*	*·111*	*·203*	**·012**	**·207**	**·265**	*·010*	**·078**	**·025**	*·053*	*·029*	*·003*	**·106**	*·112*	*·093*	**·040**	*·030*	**·043**	**·113**	**·005**	*·012*	*·034*	*·030*	*·056*	*·621*
November,		*·098*	*·084*	**·019**	*·062*	**·005**	**·085**	*·079*	*·050*	*·013*	**·134**	*·046*	**·036**	**·237**	*·034*	*·000*	**·047**	*·012*	*·044*	**·059**	*·080*	*·017*	*·005*	**·010**	*·012*	*·547*
December,		**·005**	*·007*	**·021**	*·072*	*·165*	**·021**	*·160*	*·070*	*·127*	**·027**	**·026**	**·250**	**·481**	**·083**	*·140*	*·001*	**·032**	*·016*	*·211*	**·008**	**·128**	**·109**	*·064*	*·152*	*·814*
Year, .		*·156*	*·325*	*·185*	*·282*	**·202**	**·510**	*·438*	*·343*	*·422*	**·218**	**·215**	**·262**	**1·686**	**·279**	*·271*	**·075**	*·252*	**·128**	**·096**	**·069**	**·006**	*·095*	*·267*	*·220*	*5·498*

TABLE VI.—Showing the MEAN HOURLY AMOUNT of CLOUD, or Scale 0·10, at the BEN NEVIS OBSERVATORY, for the Four Years ending December 1887.

	Mid-night.	M. to 1 a.m.	1 to 2 a.m.	2 to 3 a.m.	3 to 4 a.m.	4 to 5 a.m.	5 to 6 a.m.	6 to 7 a.m.	7 to 8 a.m.	8 to 9 a.m.	9 to 10 a.m.	10 to 11 a.m.	11 to N. a.m.	N. to 1 p.m.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.	4 to 5 p.m.	5 to 6 p.m.	6 to 7 p.m.	7 to 8 p.m.	8 to 9 p.m.	9 to 10 p.m.	10 to 11 p.m.	Mid-night.	Means
AMOUNT OF CLOUD.																										
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January, .	8·5	8·6	8·4	8·6	8·7	8·8	8·7	8·6	9·0	9·0	8·9	8·7	8·8	8·9	8·9	8·7	9·0	9·0	8·8	9·0	9·0	8·9	8·2	8·4	8·7	8·8
February, .	8·2	8·6	8·5	8·5	8·4	8·3	8·2	8·5	8·6	8·6	8·6	8·5	8·5	8·4	8·8	8·8	8·7	8·8	8·6	8·5	8·2	8·4	8·3	8·1	8·2	8·5
March, .	7·8	8·0	8·1	8·2	8·2	8·0	8·6	8·7	8·8	8·7	8·5	8·4	8·7	8·9	8·6	8·8	8·8	8·9	8·9	9·0	8·5	7·9	8·0	7·6	7·8	8·4
April, .	7·2	7·5	7·7	7·6	7·7	7·8	8·0	7·8	7·6	7·6	7·9	7·9	8·3	8·5	8·3	8·3	8·3	8·5	8·4	8·6	8·2	8·1	7·6	7·4	7·2	7·9
May, .	7·4	7·6	7·6	7·8	7·8	8·2	8·3	8·4	8·4	8·6	8·5	8·5	8·9	8·6	8·9	8·8	8·8	8·8	8·6	8·6	8·4	8·1	8·3	8·0	7·4	8·3
June, .	7·7	7·4	7·8	7·8	7·9	8·0	7·9	7·8	7·9	8·0	8·3	8·5	8·6	8·4	8·6	8·3	8·5	8·3	8·3	8·2	7·8	7·8	7·6	7·6	7·6	8·0
July, .	8·2	8·0	8·4	8·2	8·4	8·3	8·5	8·5	8·6	8·8	8·8	8·9	9·1	9·0	8·8	8·8	8·9	8·8	9·0	9·0	8·7	8·3	8·5	8·5	8·4	8·6
August, .	8·0	7·8	7·9	8·2	8·4	8·7	8·6	8·8	8·5	8·9	8·9	8·8	8·9	8·9	9·0	9·1	9·2	8·9	9·0	8·9	8·4	8·6	8·0	7·9	7·8	8·6
September,	7·8	7·7	8·0	7·6	7·8	8·2	8·3	8·1	8·0	8·3	8·4	8·6	8·4	8·7	8·8	8·8	8·8	8·8	8·8	8·5	8·1	8·0	8·0	7·9	7·8	8·3
October, .	8·5	8·4	8·5	8·3	8·2	8·6	8·8	9·0	8·9	8·8	8·9	8·8	9·0	9·2	9·0	9·0	8·9	8·8	8·5	8·7	8·4	8·6	8·4	8·7	8·6	8·7
November,	8·0	8·2	8·4	8·0	7·8	7·9	8·0	8·0	8·2	8·1	8·4	8·4	8·6	8·4	8·2	8·3	8·2	8·1	7·6	8·0	8·2	8·0	7·8	8·2	7·8	8·1
December,	8·1	8·4	8·3	8·3	8·3	8·3	8·6	8·3	8·3	8·5	8·6	8·7	8·6	8·7	8·5	8·4	8·8	8·4	8·1	7·8	8·0	7·8	8·0	8·3	8·1	8·3
Year, .	8·0	8·0	8·1	8·1	8·1	8·3	8·4	8·4	8·4	8·5	8·6	8·6	8·7	8·7	8·7	8·7	8·7	8·7	8·6	8·6	8·3	8·2	8·1	8·0	8·0	8·4
January, .	.	·1	·3	·1	·0	·1	·0	·2	·2	·2	·1	·1	·0	·1	·1	·1	·2	·2	·0	·1	·1	·0	·7	·5	·2	.
February, .	.	·1	·0	·0	·1	·2	·3	·0	·1	·1	·1	·0	·0	·1	·3	·3	·2	·3	·1	·0	·3	·1	·2	·4	·3	.
March, .	.	·4	·3	·2	·2	·4	·2	·3	·4	·3	·1	·0	·3	·5	·2	·4	·4	·5	·5	·6	·1	·5	·4	·8	·6	.
April, .	.	·4	·2	·3	·2	·1	·1	·1	·3	·3	·0	·0	·4	·6	·4	·4	·4	·6	·5	·7	·3	·2	·3	·5	·7	.
May, .	.	·7	·7	·5	·5	·1	·0	·1	·1	·3	·2	·2	·6	·3	·6	·5	·5	·5	·3	·3	·1	·2	·0	·3	·9	.
June, .	.	·6	·2	·2	·1	·0	·1	·2	·1	·0	·3	·5	·6	·4	·6	·3	·5	·3	·3	·2	·2	·2	·4	·4	·4	.
July, .	.	·5	·1	·3	·1	·2	·0	·1	·0	·2	·2	·3	·5	·4	·2	·2	·3	·2	·4	·3	·0	·4	·2	·2	·3	.
August, .	.	·9	·8	·5	·3	·0	·1	·2	·1	·3	·3	·2	·3	·3	·4	·5	·6	·3	·4	·4	·1	·1	·5	·6	·7	.
September,	.	·6	·3	·7	·5	·1	·0	·2	·3	·0	·1	·3	·1	·4	·5	·5	·5	·5	·5	·2	·2	·3	·3	·4	·5	.
October, .	.	·3	·2	·4	·5	·1	·1	·3	·2	·1	·2	·1	·3	·5	·3	·3	·2	·1	·2	·0	·3	·1	·3	·0	·1	.
November,	.	·0	·2	·2	·4	·3	·2	·1	·1	·0	·3	·3	·5	·3	·1	·2	·1	·0	·5	·0	·2	·0	·2	·2	·2	.
December,	.	·1	·0	·0	·0	·0	·3	·0	·0	·2	·3	·4	·3	·4	·2	·1	·5	·1	·2	·5	·3	·5	·3	·0	·2	.
Year, .	.	·4	·3	·3	·3	·1	·0	·0	·0	·1	·2	·2	·3	·3	·3	·3	·3	·3	·2	·2	·1	·2	·3	·4	·4	.

TABLE VII.—Showing the Hourly Mean Number Hours of Sunshine at the Ben Nevis Observatory, Three Years and Nine Months ending December 1887.

	3 to 4 a.m.	4 to 5 a.m.	5 to 6 a.m.	6 to 7 a.m.	7 to 8 a.m.	8 to 9 a.m.	9 to 10 a.m.	10 to 11 a.m.	11 to N. a.m.	N. to 1 p.m.	1 to 2 p.m.	2 to 3 p.m.	3 to 4 p.m.	4 to 5 p.m.	5 to 6 p.m.	6 to 7 p.m.	7 to 8 p.m.	8 to 9 p.m.	Amount.	Total Possible.	Percentage of Possible.
	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.
January, . .	...	...	...	...	...	...	1·73	4·58	4·10	4·73	4·32	3·81	1·07	...	...	...	...	...	24·35	231·43	10·5
February, . .	...	...	...	...	·17	1·73	4·30	4·30	4·60	4·83	4·61	3·38	3·52	1·98	·20	...	...	...	33·38	266·90	12·5
March, . . .	...	...	...	...	1·77	4·00	5·48	6·05	6·48	5·50	5·12	5·52	4·27	2·20	1·12	...	...	...	47·52	365·44	13·0
April, . . .	...	...	·98	3·05	6·90	8·55	9·64	9·26	8·74	7·86	7·04	6·66	5·82	5·20	3·21	1·36	·02	...	84·28	426·45	19·8
May, . . .	...	·93	4·49	5·36	5·37	6·17	6·44	6·65	6·29	6·88	6·02	4·77	5·24	4·76	5·74	4·84	2·56	·45	82·96	508·40	16·3
June, . . .	...	2·01	5·71	7·68	8·52	8·75	7·46	6·48	7·18	7·25	6·64	7·27	6·61	7·03	6·99	6·54	4·50	1·09	107·72	528·97	20·4
July, . . .	...	1·02	4·68	5·98	5·98	5·17	5·88	6·09	5·45	5·80	5·58	5·06	5·26	5·08	4·57	3·77	3·10	·35	78·72	528·16	14·9
August, . .	...	·02	1·22	4·24	5·04	5·42	5·51	6·17	6·44	5·47	6·01	5·42	4·80	4·96	4 02	2·56	·34	...	67·64	467·28	14·5
September, . .	...	...	...	1·44	5·16	6·60	6·24	7·17	7·01	6·61	5·41	5·29	4·18	3·07	1·66	·12	...	...	59·84	381·38	15·7
October, . .	...	...	...	...	·88	2·66	3·90	4·40	4·63	3·93	3·57	3·44	2·98	·78	·12	...	...	...	31·30	319·32	9·8
November, . .	...	...	...	...	...	1·60	4·06	4·90	4·47	4·20	4·49	4·70	1·89	...	...	...	...	...	30·31	241·86	12·5
December, . .	...	...	...	...	...	...	2·04	3·22	3·70	4·30	4·10	3·03	·70	...	...	...	...	...	21·10	210·18	10·0
Year, . .	...	3·98	17·08	27·75	38·79	50·65	62·68	69·27	69·09	67·16	62·91	58·35	46·34	35·06	27·73	19·19	10·52	1·89	669·12	4475·77	15·0

TABLE VIII.—Showing the Corrections to be applied to the Barometric Observations of the Ben Nevis Observatory 4407 Feet High to reduce them to Sea Level, for Air-Temperatures varying from 16° to 75°, and Sea Level Presures varying from 30·900 inches to 27·400 inches.

4000 + inches.

	16°	17°	18°	19°	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°	40°	41°	42°	43°	44°	45°	
ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
30·9	·902	·893	·885	·876	·868	·860	·851	·843	·835	·827	·819	·810	·802	·793	·785	·777	·769	·761	·753	·745	·737	·729	·721	·713	·705	·697	·690	·682	·674	·666	30·9
30·8	·886	·877	·869	·860	·852	·844	·835	·827	·819	·811	·803	·794	·786	·777	·769	·761	·753	·745	·737	·729	·721	·713	·705	·697	·689	·681	·674	·666	·658	·650	30·8
30·7	·870	·861	·853	·844	·836	·828	·819	·811	·803	·795	·787	·778	·770	·761	·753	·745	·737	·729	·721	·713	·705	·697	·689	·681	·673	·665	·658	·650	·642	·634	30·7
30·6	·854	·845	·837	·828	·820	·812	·803	·795	·787	·779	·771	·762	·754	·746	·738	·730	·722	·714	·706	·698	·690	·682	·674	·666	·658	·650	·643	·635	·627	·619	30·6
30·5	·838	·829	·821	·812	·804	·796	·787	·779	·771	·763	·755	·746	·738	·730	·722	·714	·706	·698	·690	·682	·674	·666	·658	·651	·643	·635	·628	·620	·612	·604	30·5
30·4	·821	·813	·805	·796	·788	·780	·771	·763	·755	·747	·739	·730	·722	·714	·706	·698	·690	·682	·674	·667	·659	·651	·643	·635	·628	·620	·613	·605	·597	·589	30·4
30·3	·805	·797	·789	·780	·772	·764	·755	·747	·739	·731	·723	·715	·707	·699	·691	·683	·675	·667	·659	·652	·644	·636	·628	·621	·613	·605	·598	·590	·582	·574	30·3
30·2	·789	·781	·773	·765	·757	·749	·740	·732	·724	·716	·708	·699	·691	·683	·675	·667	·559	·651	·643	·636	·628	·620	·612	·605	·597	·589	·582	·574	·567	·559	30·2
30·1	·773	·765	·757	·749	·741	·733	·724	·716	·708	·700	·692	·684	·676	·668	·660	·652	·644	·636	·628	·621	·613	·605	·597	·590	·582	·574	·567	·559	·552	·544	30·1
30·0	·767	·749	·741	·733	·725	·717	·708	·700	·692	·684	·676	·668	·660	·652	·644	·636	·628	·621	·613	·605	·597	·589	·582	·574	·567	·559	·552	·544	·537	·529	30·0
29·9	·741	·733	·725	·717	·709	·701	·692	·684	·676	·668	·660	·652	·645	·637	·629	·621	·613	·606	·598	·590	·582	·574	·566	·559	·551	·543	·536	·528	·521	·513	29·9
29·8	·725	·717	·709	·701	·693	·685	·677	·669	·661	·653	·645	·637	·630	·622	·614	·606	·598	·591	·583	·575	·567	·559	·551	·544	·536	·528	·521	·513	·506	·498	29·8
29·7	·710	·702	·694	·686	·678	·670	·661	·653	·645	·637	·629	·621	·614	·606	·598	·590	·582	·575	·567	·559	·551	·543	·535	·528	·520	·512	·505	·498	·491	·483	29·7
29·6	·694	·686	·678	·670	·662	·654	·646	·638	·630	·622	·614	·606	·599	·591	·583	·575	·567	·559	·551	·544	·536	·528	·520	·513	·505	·497	·490	·483	·476	·468	29·6
29·5	·678	·670	·662	·654	·646	·638	·630	·622	·614	·606	·598	·590	·583	·575	·567	·559	·551	·544	·536	·528	·520	·513	·505	·497	·490	·482	·475	·468	·461	·453	29·5
29·4	·662	·654	·646	·638	·630	·622	·614	·606	·598	·590	·582	·574	·567	·559	·551	·543	·535	·528	·520	·513	·505	·498	·490	·483	·475	·467	·460	·453	·446	·438	29·4
29·3	·646	·638	·630	·622	·614	·606	·598	·590	·582	·575	·567	·559	·552	·544	·536	·528	·520	·513	·505	·498	·490	·483	·485	·468	·460	·452	·445	·438	·431	·423	29·3
29·2	·630	·622	·615	·607	·599	·591	·583	·575	·567	·559	·551	·543	·536	·528	·520	·513	·505	·497	·489	·482	·474	·467	·459	·452	·444	·436	·429	·422	·415	·407	29·2
29·1	·615	·607	·599	·591	·583	·576	·568	·560	·552	·544	·536	·528	·521	·513	·505	·498	·490	·482	·474	·467	·459	·452	·444	·437	·429	·421	·414	·407	·400	·392	29·1
29·0	·599	·591	·583	·575	·567	·560	·552	·544	·536	·528	·520	·512	·505	·497	·489	·482	·474	·467	·459	·451	·443	·436	·428	·421	·414	·406	·399	·392	·385	·377	29·0
28·9	·584	·576	·568	·559	·551	·544	·536	·528	·520	·512	·504	·496	·489	·481	·473	·466	·458	·451	·443	·436	·428	·421	·413	·406	·399	·391	·384	·376	·369	·362	28·9
28·8	·568	·560	·552	·543	·535	·528	·520	·512	·504	·496	·488	·480	·473	·465	·457	·450	·442	·435	·428	·421	·413	·406	·398	·391	·384	·376	·369	·361	·354	·347	28·8
28·7	·552	·544	·536	·528	·520	·513	·505	·497	·489	·481	·473	·465	·458	·450	·442	·435	·427	·420	·412	·405	·397	·390	·382	·375	·368	·360	·353	·346	·339	·332	28·7
28·6	·536	·528	·520	·512	·504	·497	·489	·481	·473	·465	·457	·449	·442	·434	·427	·420	·412	·405	·397	·390	·382	·375	·367	·360	·353	·345	·338	·331	·324	·317	28·6
28·5	·520	·512	·504	·496	·488	·481	·473	·465	·457	·449	·441	·433	·426	·418	·411	·404	·396	·389	·382	·374	·366	·359	·352	·345	·338	·330	·323	·316	·309	·302	28·5
28·4	·504	·496	·488	·480	·472	·465	·457	·449	·441	·433	·425	·417	·410	·403	·396	·388	·380	·373	·366	·359	·351	·344	·336	·329	·322	·315	·308	·301	·294	·287	28·4
28·3	·488	·480	·472	·464	·456	·449	·441	·433	·425	·418	·410	·402	·395	·387	·380	·373	·365	·358	·351	·343	·335	·328	·320	·313	·306	·299	·293	·286	·279	·272	28·3
28·2	·472	·464	·457	·449	·441	·434	·426	·418	·410	·402	·394	·386	·379	·371	·364	·357	·349	·342	·335	·328	·320	·313	·305	·298	·291	·284	·277	·270	·264	·257	28·2
28·1	·457	·449	·441	·433	·425	·418	·410	·402	·394	·387	·379	·371	·363	·356	·348	·341	·334	·327	·320	·312	·305	·298	·290	·283	·276	·269	·262	·255	·249	·242	28·1
28·0	·441	·433	·425	·417	·409	·402	·394	·386	·378	·371	·363	·356	·348	·340	·333	·326	·318	·311	·304	·297	·289	·282	·275	·268	·261	·254	·247	·240	·234	·227	28·0
27·9	·425	·417	·409	·401	·393	·386	·378	·370	·362	·355	·347	·340	·333	·325	·318																
27·8	·409	·401	·393	·385	·377	·370	·362	·354	·346	·339	·331	·324	·317	·309	·302																
27·7	·393	·385	·377	·369	·362	·355	·347	·339	·331	·324	·316	·309	·301	·294	·286																
27·6	·378	·370	·362	·354	·346	·339	·331	·323	·315	·308	·300	·293	·286	·278	·270																
27·5	·362	·354	·346	·338	·330	·323	·315	·307	·299	·292	·284	·277	·270																		
27·4	·346	·338	·330	·322	·314	·307	·299	·291	·283	·276	·268	·261	·254																		

TABLE VIII.—*continued.*

	46°	47°	48°	49°	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°	
ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
30·9	·657	·649	·641	·634	·626	·619	·611	·604	·596	·588	·580	·572	·565	·557	·552	·545	·538	·531	·524	·517	·509	·501	·494	·487	·480	·473	·466	·459	·452	·445	30·9
30·8	·641	·634	·626	·619	·611	·604	·596	·589	·581	·573	·565	·558	·550	·543	·536	·529	·524	·517	·510	·502	·495	·487	·480	·473	·466	·459	·452	·445	·438	·431	30·8
30·7	·626	·619	·611	·604	·596	·589	·581	·574	·566	·558	·550	·543	·536	·530	·523	·516	·509	·502	·495	·487	·480	·472	·465	·458	·451	·444	·437	·430	·423	·416	30·7
30·6	·611	·604	·596	·589	·581	·574	·566	·559	·551	·543	·535	·528	·522	·515	·508	·501	·494	·487	·480	·472	·465	·457	·450	·443	·436	·429	·422	·415	·408	·401	30·6
30·5	·596	·589	·581	·574	·566	·559	·551	·544	·536	·528	·520	·513	·507	·500	·493	·486	·479	·472	·465	·457	·450	·443	·436	·429	·422	·145	·408	·401	·394	·387	30·5
30·4	·581	·574	·566	·559	·551	·544	·536	·529	·521	·513	·505	·498	·492	·485	·478	·471	·464	·457	·450	·444	·435	·428	·421	·414	·408	·401	·394	·387	·380	·373	30·4
30·3	·566	·559	·551	·544	·536	·529	·521	·514	·506	·498	·491	·484	·479	·470	·463	·456	·449	·442	·435	·427	·420	·413	·406	·399	·393	·386	·379	·372	·365	·358	30·3
30·2	·551	·544	·536	·529	·521	·514	·506	·499	·491	·484	·476	·469	·462	·456	·449	·441	·434	·427	·420	·413	·406	·399	·392	·385	·378	·371	·364	·357	·350	·343	30·2
30·1	·536	·529	·521	·514	·506	·499	·491	·484	·476	·469	·461	·454	·448	·441	·434	·427	·420	·413	·406	·399	·391	·384	·377	·370	·364	·357	·350	·343	·336	·329	30·1
30·0	·521	·514	·506	·499	·491	·484	·476	·469	·461	·454	·447	·440	·433	·426	·419	·412	·405	·398	·391	·384	·377	·370	·363	·356	·349	·342	·335	·328	·321	·314	30·0
29·9	·505	·498	·491	·484	·476	·469	·461	·454	·447	·440	·432	·425	·418	·411	·404	·397	·390	·383	·376	·369	·362	·355	·348	·342	·335	·328	·321	·314	·307	·300	29·9
29·8	·490	·483	·476	·469	·461	·454	·446	·439	·432	·425	·418	·411	·404	·397	·390	·383	·376	·369	·362	·355	·348	·341	·334	·328	·321	·314	·307	·300	·293	·286	29·8
29·7	·475	·468	·461	·454	·446	·439	·431	·424	·417	·410	·403	·396	·389	·382	·375	·368	·361	·355	·348	·341	·334	·327	·320	·314	·307	·300	·293	·286	·279	·273	29·7
29·6	·460	·453	·446	·439	·431	·424	·416	·409	·402	·395	·388	·381	·374	·368	·361	·354	·347	·340	·333	·326	·319	·312	·305	·299	·292	·285	·279	·272	·265	·259	29·6
29·5	·445	·438	·431	·424	·416	·409	·401	·394	·387	·380	·373	·366	·360	·353	·346	·339	·332	·325	·318	·311	·304	·298	·291	·285	·278	·271	·265	·258	·252	·245	29·5
29·4	·430	·423	·416	·409	·401	·394	·386	·379	·372	·365	·358	·351	·345	·338	·331	·324	·317	·310	·303	·296	·289	·283	·276	·270	·263	·256	·250	·244	·237	·231	29·4
29·3	·415	·408	·401	·394	·386	·379	·371	·364	·357	·350	·343	·336	·330	·323	·316	·309	·302	·296	·289	·282	·275	·269	·262	·256	·249	·242	·236	·230	·223	·217	29·3
29·2	·399	·392	·385	·378	·371	·364	·357	·349	·342	·335	·328	·321	·314	·307	·301	·295	·288	·282	·275	·268	·261	·254	·248	·241	·235	·228	·222	·216	·209	·203	29·2
29·1	·384	·377	·370	·363	·356	·349	·342	·335	·328	·321	·314	·307	·301	·294	·287	·280	·273	·267	·260	·253	·246	·240	·233	·227	·221	·214	·208	·202	·196	·190	29·1
29·0	·369	·362	·355	·348	·341	·334	·327	·320	·313	·306	·299	·292	·285	·278	·272	·265	·259	·253	·246	·239	·232	·226	·219	·213	·207	·200	·194	·188	·182	·176	29·0
28·9	·354	·347	·340	·333	·326	·319	·312	·305	·298	·292	·285	·278	·272	·265	·258																28·9
28·8	·339	·332	·325	·318	·311	·304	·297	·290	·283	·277	·270	·263	·257	·250	·244																28·8
28·7	·324	·317	·310	·303	·296	·289	·282	·275	·268	·262	·255	·248	·242	·235	·229																28·7
28·6	·309	·302	·295	·288	·281	·274	·267	·260	·253	·247	·240	·233	·229	·227	·214																28·6
28·5	·294	·287	·280	·273	·266	·259	·252	·245	·238	·232	·225	·218	·212	·206	·200																28·5

METEOROLOGICAL OBSERVATIONS

AT THE

BEN NEVIS OBSERVATORY

AND AT THE

LOW LEVEL STATION AT FORT-WILLIAM

FROM

DECEMBER 1883 to DECEMBER 1887.

CONTENTS.

	PAGES
Ben Nevis Observations,	1–315
Observatory Log-Book,	316-356
Low Level Observations at Fort-William,	357–406

BEN NEVIS OBSERVATORY.—HOURLY VALUES. MONTH DECEMBER, YEAR 1883.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·600	5·647	5·666	5·693	5·705	5·712	5·716	5·722	5·726	5·716	5·719	5·725	5·706	5·713	5·713	5·658	5·634	5·615	5·604	5·584	5·557	5·567	5·568	5·568	5·651	1
2	5·555	5·543	5·538	5·535	5·521	5·499	5·501	5·523	5·524	5·529	5·522	5·513	5·502	5·477	5·464	5·442	5·429	5·419	5·397	5·386	5·358	5·335	5·324	5·289	5·484	2
3	5·191	5·182	5·185	5·174	5·136	5·103	5·071	5·061	5·051	5·031	5·004	4·980	4·980	4·937	4·917	4·908	4·913	4·908	4·914	4·918	4·878	4·943	4·988	5·001	5·015	3
4	5·034	5·033	5·035	5·089	5·136	5·175	5·192	5·232	5·273	5·304	5·333	5·363	5·369	5·390	5·409	5·429	5·434	5·461	5·473	5·498	5·510	5·521	5·538	5·534	5·323	4
5	5·548	5·579	5·585	5·577	5·573	5·571	5·574	5·592	5·583	5·576	5·570	5·560	5·561	5·556	5·555	5·545	5·544	5·560	5·561	5·566	5·567	5·575	5·566	5·593	5·568	5
6	5·576	5·596	5·605	5·621	5·635	5·638	5·659	5·675	5·697	5·712	5·728	5·742	5·746	5·768	5·781	5·791	5·804	5·819	5·822	5·831	5·840	5·820	5·835	5·849	5·737	6
7	5·846	5·846	5·844	5·843	5·842	5·842	5·840	5·838	5·847	5·848	5·845	5·836	5·825	5·816	5·810	5·807	5·809	5·804	5·796	5·786	5·789	5·785	5·785	5·777	5·818	7
8	5·768	5·757	5·755	5·742	5·761	5·744	5·713	5·721	5·707	5·698	5·686	5·667	5·645	5·635	5·625	5·604	5·587	5·549	5·543	5·518	5·509	5·488	5·465	5·440	5·634	8
9	5·434	5·406	5·398	5·335	5·331	5·321	5·325	5·327	5·335	5·342	5·338	5·330	5·329	5·324	5·320	5·313	5·313	5·304	5·293	5·286	5·256	5·249	5·241	5·234	5·319	9
10	5·202	5·177	5·154	5·087	5·130	5·052	5·021	5·000	4·968	4·930	4·909	4·876	4·862	4·850	4·851	4·828	4·816	4·780	4·766	4·747	4·741	4·723	4·723	4·726	4·917	10
11	4·726	4·733	4·728	4·737	4·733	4·732	4·726	4·739	4·846	4·882	4·896	4·904	4·906	4·902	4·880	4·813	4·728	4·602	4·452	4·325	4·334	4·226	4·221	4·211	4·666	11
12	4·303	4·513	4·633	4·712	4·767	4·827	4·837	4·888	4·885	4·946	4·996	5·030	5·069	5·081	5·116	5·133	5·155	5·182	5·186	5·170	5·155	5·132	5·097	5·060	4·945	12
13	4·991	5·015	5·001	4·981	4·946	4·937	4·909	4·902	4·912	4·897	4·915	4·908	4·925	4·922	4·936	4·933	4·926	4·937	4·936	4·932	4·911	4·916	4·903	4·890	4·933	13
14	4·872	4·856	4·832	4·814	4·781	4·777	4·807	4·770	4·780	4·761	4·744	4·739	4·735	4·730	4·741	4·740	4·722	4·744	4·745	4·721	4·713	4·706	4·777	4·836	4·742	14
15	4·838	4·868	4·878	4·906	4·892	4·918	4·884	4·881	4·865	4·873	4·871	4·852	4·827	4·821	4·819	4·817	4·816	4·822	4·839	4·869	4·868	4·904	5·008	5·016	4·849	15
16	5·043	5·083	5·120	5·145	5·197	5·236	5·275	5·313	5·346	5·386	5·420	5·440	5·460	5·487	5·523	5·575	5·620	5·649	5·657	5·673	5·692	5·702	5·686	5·736	5·436	16
17	5·745	5·735	5·778	5·780	5·778	5·796	5·797	5·801	5·834	5·842	5·841	5·833	5·854	5·846	5·823	5·825	5·811	5·822	5·820	5·808	5·800	5·789	5·767	5·764	5·804	17
18	5·750	5·724	5·698	5·709	5·737	5·680	5·671	5·664	5·647	5·647	5·628	5·607	5·592	5·575	5·589	5·574	5·577	5·578	5·583	5·585	5·559	5·521	5·566	5·560	5·626	18
19	5·553	5·565	5·547	5·550	5·559	5·551	5·555	5·543	5·554	5·563	5·549	5·532	5·518	5·508	5·479	5·462	5·434	5·430	5·402	5·384	5·386	5·368	5·349	5·334	5·484	19
20	5·307	5·299	5·274	5·269	5·229	5·231	5·259	5·203	5·228	5·219	5·220	5·198	5·175	5·169	5·149	5·148	5·147	5·144	5·128	5·124	5·140	5·132	5·119	5·114	5·193	20
21	5·099	5·071	5·060	5·047	5·029	5·006	4·956	4·922	4·926	4·904	4·919	4·904	4·885	4·891	4·875	4·885	4·899	4·913	4·914	4·925	4·917	4·893	4·907	4·906	4·944	21
22	4·889	4·857	4·876	4·872	4·878	4·894	4·903	4·913	4·920	4·925	4·925	4·915	4·903	4·895	4·889	4·880	4·885	4·893	4·909	4·912	4·931	4·955	4·973	5·008	4·908	22
23	5·030	5·070	5·092	5·127	5·150	5·191	5·236	5·278	5·352	5·386	5·420	5·436	5·468	5·479	5·492	5·505	5·507	5·509	5·503	5·497	5·493	5·487	5·498	5·514	5·363	23
24	5·522	5·524	5·526	5·535	5·524	5·556	5·569	5·584	5·590	5·620	5·640	5·661	5·623	5·670	5·679	5·683	5·717	5·714	5·729	5·742	5·736	5·736	5·735	5·771	5·640	24
25	5·773	5·776	5·795	5·782	5·777	5·792	5·821	5·828	5·817	5·830	5·827	5·822	5·834	5·824	5·823	5·819	5·818	5·817	5·811	5·813	5·812	5·813	5·804	5·809	5·809	25
26	5·799	5·800	5·796	5·784	5·775	5·772	5·770	5·781	5·805	5·803	5·803	5·798	5·791	5·797	5·797	5·800	5·811	5·806	5·806	5·809	5·808	5·811	5·807	5·807	5·797	26
27	5·802	5·799	5·777	5·775	5·765	5·756	5·746	5·743	5·740	5·723	5·708	5·686	5·669	5·650	5·637	5·631	5·621	5·602	5·607	5·602	5·588	5·582	5·573	5·570	5·681	27
28	5·570	5·575	5·569	5·554	5·557	5·547	5·551	5·555	5·559	5·560	5·548	5·540	5·531	5·526	5·517	5·525	5·521	5·515	5·519	5·526	5·523	5·530	5·522	5·508	5·539	28
29	5·521	5·518	5·512	5·512	5·485	5·488	5·482	5·491	5·509	5·506	5·495	5·475	5·471	5·458	5·458	5·457	5·465	5·480	5·495	5·509	5·525	5·540	5·559	5·575	5·499	29
30	5·553	5·583	5·612	5·662	5·666	5·702	5·714	5·736	5·763	5·782	5·802	5·795	5·798	5·809	5·823	5·830	5·837	5·848	5·861	5·864	5·856	5·856	5·858	5·851	5·710	30
31	5·878	5·888	5·888	5·898	5·890	5·889	5·886	5·898	5·909	5·915	5·915	5·905	5·900	5·893	5·890	5·884	5·884	5·877	2·868	5·866	5·863	5·853	5·847	5·835	5·892	31
MEANS	5·365	5·375	5·383	5·382	5·384	5·385	5·388	5·391	5·403	5·408	5·411	5·406	5·402	5·400	5·399	5·395	5·393	5·390	5·385	5·380	5·375	5·371	5·371	5·375	5·388	MEANS.

JANUARY 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·805	5·795	5·787	5·767	5·753	5·737	5·728	5·713	5·724	5·724	5·698	5·701	5·673	5·600	5·643	5·637	5·617	5·609	5·598	5·580	5·561	5·557	5·542	5·532	5·670	1
2	5·518	5·499	5·476	5·476	5·470	5·455	5·453	5·441	5·440	5·436	5·428	5·412	5·401	5·394	5·390	5·385	5·380	5·377	5·372	5·373	5·364	5·362	5·357	5·341	5·417	2
3	5·338	5·332	5·329	5·321	5·309	5·301	5·305	5·305	5·304	5·313	5·315	5·314	5·291	5·299	5·302	5·318	5·332	5·314	5·319	5·349	5·359	5·363	5·379	5·379	5·325	3
4	5·379	5·393	5·401	5·400	5·387	5·387	5·384	5·390	5·414	5·430	5·427	5·429	5·426	5·419	5·413	5·422	5·431	5·436	5·438	5·443	5·463	5·423	5·403	5·382	5·413	4
5	5·367	5·336	5·249	5·232	5·216	5·181	5·112	5·082	5·035	5·034	5·028	5·029	5·005	4·968	4·947	4·899	4·857	4·825	4·776	4·763	4·758	4·796	4·803	4·793	5·004	5
6	4·812	4·821	4·825	4·783	4·798	4·790	4·808	4·818	4·841	4·855	4·859	4·868	4·879	4·897	4·891	4·917	4·945	4·958	4·990	5·014	5·047	5·058	5·071	5·094	4·902	6
7	5·108	5·132	5·148	5·151	5·127	5·128	5·130	5·137	5·153	5·151	5·150	5·151	5·163	5·179	5·190	5·230	5·249	5·271	5·291	5·296	5·302	5·317	5·320	5·319	5·200	7
8	5·319	5·310	5·296	5·267	5·235	5·216	5·212	5·206	5·224	5·229	5·246	5·248	5·243	5·244	5·276	5·295	5·292	5·276	5·270	5·247	5·234	5·213	5·220	5·235	5·252	8
9	5·215	5·205	5·215	5·204	5·195	5·182	5·182	5·217	5·230	5·237	5·246	5·262	5·270	5·273	5·283	5·287	5·314	5·338	5·344	5·351	5·356	5·362	5·376	5·372	5·271	9
10	5·368	5·337	5·327	5·311	5·282	5·263	5·248	5·272	5·279	5·301	5·293	5·271	5·267	5·277	5·267	5·261	5·230	5·254	5·226	5·208	5·172	5·146	5·110	5·084	5·252	10
11	5·049	5·021	5·006	4·989	4·981	4·958	4·958	4·984	5·013	5·017	5·039	5·049	5·103	5·154	5·176	5·211	5·266	5·312	5·365	5·418	5·458	5·461	5·471	5·512	5·165	11
12	5·533	5·550	5·571	5·574	5·594	5·585	5·602	5·623	4·642	5·645	5·670	5·658	5·667	5·664	5·658	5·662	5·662	5·655	5·665	5·680	5·687	5·700	5·700	5·698	5·639	12
13	5·680	5·664	5·669	5·662	5·641	5·633	5·624	5·631	5·657	5·655	5·647	5·651	5·636	5·629	5·628	5·632	5·628	5·623	5·628	5·629	5·620	5·619	5·605	5·595	5·637	13
14	5·582	5·550	5·555	5·560	5·549	5·559	5·560	5·552	5·569	5·584	5·587	5·587	5·611	5·615	5·634	5·658	5·687	5·707	5·719	5·755	5·762	5·736	5·765	5·793	5·618	14
15	5·802	5·807	5·804	5·795	5·813	5·817	5·823	5·832	5·858	5·871	5·877	5·867	5·869	5·868	5·878	5·868	5·874	5·870	5·883	5·893	5·898	5·889	5·874	5·879	5·855	15
16	5·874	5·882	5·872	5·871	5·882	5·872	5·864	5·867	5·875	5·876	5·882	5·887	5·870	5·865	5·869	5·876	5·878	5·876	5·875	5·868	5·876	5·868	5·850	5·839	5·871	16
17	5·823	5·800	5·786	5·783	5·776	5·774	5·771	5·762	5·778	5·774	5·776	5·774	5·752	5·761	5·747	5·734	5·751	5·752	5·762	5·759	5·764	5·760	5·756	5·763	5·767	17
18	5·754	5·757	5·752	5·742	5·754	5·747	5·744	5·730	5·729	5·734	5·740	5·727	5·725	5·708	5·693	5·689	5·668	5·667	5·671	5·660	5·637	5·629	5·628	5·622	5·704	18
19	5·598	5·599	5·605	5·613	5·612	5·612	5·620	5·629	5·678	5·694	5·710	5·714	5·719	5·713	5·704	5·688	5·649	5·627	5·588	5·565	5·541	5·486	5·424	5·365	5·615	19
20	5·311	5·261	5·203	5·146	5·170	5·298	5·303	5·355	5·400	5·454	5·464	5·456	5·448	5·402	5·365	5·335	5·311	5·309	5·253	5·175	5·206	5·163	5·183	5·174	5·298	20
21	5·178	5·192	5·210	5·286	5·338	5·392	5·457	5·505	5·514	5·547	5·545	5·527	5·479	5·458	5·433	5·425	5·359	5·348	5·307	5·190	5·160	5·108	5·092	5·086	5·339	21
22	5·127	5·139	5·154	5·160	5·166	5·146	5·139	5·123	5·130	5·113	5·102	5·085	5·045	5·017	4·993	4·968	4·966	4·960	4·965	4·974	4·993	5·026	5·024	5·050	5·065	22
23	5·062	5·066	5·076	5·033	5·011	4·921	4·877	4·767	4·674	4·501	4·352	4·268	4·211	4·174	4·032	4·143	4·199	4·297	4·392	4·481	4·532	4·579	4·681	4·727	4·586	23
24	4·759	4·761	4·770	4·803	4·800	4·833	4·822	4·854	4·849	4·861	4·890	4·887	4·907	4·920	4·918	4·906	4·884	4·856	4·828	4·797	4·758	4·713	4·706	4·657	4·822	24
25	4·632	4·597	4·579	4·534	4·534	4·508	4·486	4·483	4·491	4·466	4·446	4·448	4·425	4·405	4·411	4·431	4·471	4·509	4·514	4·513	4·510	4·499	4·490	4·478	4·494	25
26	4·469	4·446	4·422	4·413	4·401	4·381	4·370	4·335	4·290	4·220	4·155	4·032	3·824	3·643	3·541	3·443	3·413	3·354	3·244	3·179	3·195	3·228	3·282	3·330	3·859	26
27	3·345	3·398	3·471	3·512	3·550	3·686	3·738	3·845	3·854	3·892	3·924	3·958	3·980	3·980	3·992	4·043	4·063	4·085	4·129	4·130	4·152	4·188	4·224	4·261	3·892	27
28	4·300	4·338	4·393	4·438	4·484	4·517	4·562	4·604	4·664	4·701	4·731	4·780	4·801	4·832	4·854	4·888	4·900	4·910	4·936	4·939	4·959	4·965	4·977	4·974	4·727	28
29	4·985	4·982	4·980	4·975	4·959	4·942	4·920	4·892	4·823	4·775	4·762	4·739	4·693	4·666	4·641	4·691	4·725	4·744	4·767	4·800	4·825	4·864	4·875	4·891	4·830	29
30	4·899	4·867	4·820	4·787	4·759	4·739	4·708	4·704	4·739	4·749	4·749	4·763	4·764	4·785	4·802	4·820	4·829	4·830	4·863	4·886	4·916	4·945	4·959	4·981	4·819	30
31	4·991	5·011	5·016	5·011	5·021	5·020	5·021	5·026	5·027	5·032	5·022	4·997	4·987	4·968	4·957	4·948	4·934	4·924	4·894	4·846	4·821	4·819	4·837	4·837	4·957	31
MEANS	5·193	5·189	5·186	5·181	5·179	5·180	5·178	5·183	5·190	5·189	5·186	5·179	5·166	5·154	5·146	5·152	5·154	5·157	5·157	5·154	5·158	5·156	5·161	5·163	5·170	MEANS.

FEBRUARY 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·837	4·833	4·828	4·828	4·849	4·819	4·820	4·808	4·847	4·864	4·876	4·890	4·900	4·909	4·925	4·931	4·944	4·980	5·053	5·105	5·151	5·171	5·193	5·207	4·937	1
2	5·229	5·247	5·305	5·322	5·388	5·408	5·439	5·456	5·473	5·500	5·512	5·527	5·532	5·524	5·541	5·535	5·538	5·527	5·517	5·507	5·496	5·475	5·437	5·425	5·452	2
3	5·416	5·404	5·419	5·411	5·420	5·424	5·431	5·416	5·473	5·467	5·468	5·481	5·469	5·442	5·455	5·451	5·451	5·443	5·435	5·443	5·435	5·425	5·411	5·410	5·437	3
4	5·409	5·428	5·433	5·451	5·447	5·450	5·486	5·506	5·530	5·537	5·556	5·550	5·541	5·525	5·520	5·521	5·508	5·482	5·489	5·473	5·489	5·466	5·469	5·453	5·488	4
5	5·441	5·431	5·421	5·445	5·440	5·458	5·455	5·473	5·479	5·480	5·480	5·490	5·489	5·475	5·473	5·472	5·469	5·455	5·458	5·457	5·460	5·447	5·441	5·422	5·459	5
6	5·415	5·409	5·400	5·399	5 400	5·392	5·394	5·385	5·384	5·367	5·363	5·346	5·328	5·311	5·294	5·278	5·265	5·245	5·249	5·227	5·219	5·226	5·237	5·243	5·324	6
7	5·252	5·255	5·268	5·283	5·301	5·320	5·345	5·363	5·381	5·386	5·412	5·425	5·424	5·415	5·416	5·406	5·404	5·405	5·394	5·397	5·377	5·363	5·347	5·321	5·361	7
8	5·311	5·280	5·262	5·224	5·205	5·182	5·170	5·153	5·151	5·139	5·119	5·095	5·074	5·051	5·008	4·996	4·990	4·975	4·940	4·916	4·884	4·841	4·784	4·768	5·063	8
9	4·741	4·693	4·655	4·593	4·562	4·543	4·525	4·495	4·478	4·454	4·433	4·429	4·402	4·378	4·355	4·297	4·297	4·274	4·266	4·260	4·237	4·232	4·217	4·195	4·417	9
10	4·161	4·124	4·067	4·037	4·104	4·150	4·211	4·216	4·248	4·243	4·256	4·271	4·209	4·183	4·129	4·125	4·212	4·257	4·297	4·322	4·372	4·388	4·417	4·450	4·227	10
11	4·473	4·481	4·488	4·510	4·527	4·536	4·545	4·553	4·579	4·592	4·635	4·645	4·670	4·685	4·709	4·729	4·761	4·784	4·808	4·830	4·843	4·853	4·845	4·839	4·663	11
12	4·833	4·790	4·763	4·712	4·697	4·724	4·713	4·729	4·737	4·779	4·768	4·738	4·747	4·737	4·727	4·737	4·755	4·760	4·760	4·770	4·790	4·808	4·834	4·852	4·761	12
13	4·932	4·942	4·948	4·970	4·980	4·972	4·961	4·939	4·904	4·925	4·881	4·939	4·925	4·948	5·013	5·089	5·141	5·195	5·238	5·264	5·287	5·300	5·311	5·304	5·054	13
14	5·271	5·256	5·191	5·158	5·170	5·175	5·191	5·228	5·280	5·360	5·418	5·467	5·487	5·512	5·538	5·563	5·576	5·594	5·607	5·619	5·617	5·618	5·628	5·613	5·422	14
15	5·603	5·582	5·559	5·522	5·524	5·498	5·480	5·481	5·489	5·497	5·513	5·498	5·498	5·458	5·452	5·452	5·473	5·484	5·489	5·472	5·484	5·488	5·483	5·463	5·498	15
16	5·466	5·460	5·427	5·425	5·430	5·384	5·419	5·420	5·421	5·423	5·438	5·449	5·434	5·440	5·406	5·355	5·340	5·307	5·318	5·279	5·258	5·252	5·284	5·269	5·379	16
17	5·284	5·257	5·248	5·257	5·222	5·208	5·233	5·232	5·219	5·262	5·244	5·246	5·259	5·255	5·244	5·225	5·202	5·184	5·168	5·186	5·179	5·179	5·188	5·183	5·224	17
18	5·174	5·176	5·162	5·180	5·174	5·178	5·170	5·175	5·198	5·206	5·180	5·176	5·175	5·150	5·109	5·107	5·098	5·120	5·091	5·089	5·089	5·078	5·069	5·070	5·141	18
19	5·059	5·077	5·074	5·067	5·074	5·049	5·053	5·047	5·060	5·064	5·069	5·063	5·065	5·048	5·044	5·013	5·011	5·010	5·024	5·018	5·019	5·023	5·006	4·982	5·041	19
20	4·970	4·962	4·938	4·919	4·901	4·887	4·874	4·898	4·889	4·855	4·820	4·835	4·743	4·835	4·785	4·797	4·792	4·794	4·779	4·742	4·631	4·607	4·617	4·571	4·810	20
21	4·518	4·408	4·360	4·192	4·262	4·438	4·538	4·597	4·667	4·723	4·775	4·788	4·771	4·740	4·757	4·786	4·792	4·796	4·803	4·804	4·802	4·801	4·803	4·803	4·655	21
22	4·785	4·788	4·771	4·768	4·763	4·768	4·778	4·780	4·791	4·802	4·814	4·820	4·826	4·827	4·834	4·831	4·835	4·841	4·849	4·847	4·845	4·835	4·840	4·826	4·811	22
23	4·816	4·808	4·794	4·780	4·764	4·757	4·751	4·738	4·737	4·729	4·725	4·734	4·723	4·725	4·714	4·707	4·716	4·728	4·743	4·763	4·772	4·780	4·795	4·814	4·755	23
24	4·828	4·852	4·868	4·886	4·901	4·918	4·928	4·975	5·005	5·021	5·038	5·062	5·072	5·086	5·089	5·096	5·107	5·116	5·125	5·129	5·140	5·145	5·149	5·155	5·029	24
25	5·164	5·176	5·167	5·162	5·170	5·174	5·187	5·195	5·211	5·224	5·227	5·235	5·237	5·232	5·241	5·250	5·249	5·259	5·277	5·280	5·295	5·292	5·317	5·315	5·231	25
26	5·318	5·318	5·309	5·322	5·318	5·337	5·333	5·349	5·349	5·359	5·373	5·374	5·372	5·376	5·367	5·354	5·359	5·362	5·376	5·363	5·365	5·368	5·364	5·363	5·352	26
27	5·359	5·351	5·343	5·335	5·335	5·341	5·340	5·345	5·349	5·346	5·344	5·344	5·339	5·328	5·328	5·330	5·328	5·334	5·339	5·337	5·335	5·333	5·315	5·335	5·335	27
28	5·327	5·327	5·322	5·333	5·321	5·309	5·311	5·314	5·329	5·332	5·328	5·334	5·324	5·300	5·298	5·293	5·290	5·284	5·278	5·285	5·274	5·265	5·255	5·253	5·304	28
29	5·249	5·247	5·240	5·238	5·239	5·237	5·236	5·237	5·243	5·246	5·242	5·243	5·249	5·245	5·245	5·251	5·251	5·256	5·260	5·264	5·268	5·264	5·260	5·260	5·249	29
30																										30
31																										31
MEANS	5·091	5·081	5·070	5·060	5·065	5·070	5·080	5·086	5·100	5·110	5·114	5·120	5·113	5·108	5·104	5·103	5·109	5·112	5·118	5·119	5·118	5·115	5·114	5·109	5·099	MEANS.

MARCH 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·263	5·258	5·247	5·251	5·250	5·252	5·247	5·266	5·275	5·274	5·281	5·284	5·281	5·294	5·302	5·320	5·332	5·354	5·367	5·381	5·391	5·400	5·399	5·410	5·307	1
2	5·411	5·415	5·417	5·421	5·421	5·420	5·422	5·421	5·427	5·428	5·434	5·431	5·417	5·403	5·395	5·379	5·369	5·373	5·352	5·315	5·290	5·274	5·244	5·248	5·380	2
3	5·202	5·155	5·142	5·114	5·092	5·070	5·047	5·019	4·970	4·898	4·839	4·821	4·838	4·842	4·845	4·841	4·843	4·864	4·887	4·919	4·939	4·959	4·983	5·010	4·964	3
4	5·031	5·048	5·055	5·065	5·084	5·098	5·110	5·124	5·141	5·141	5·149	5·147	5·141	5·133	5·126	5·120	5·126	5·130	5·130	5·129	5·137	5·138	5·133	5·135	5·115	4
5	5·147	5·158	5·165	5·177	5·195	5·213	5·227	5·258	5·275	5·299	5·315	5·335	5·363	5·369	5·381	5·386	5·416	5·416	5·439	5·451	5·456	5·458	5·453	5·454	5·325	5
6	5·454	5·459	5·457	5·444	5·441	5·427	5·405	5·389	5·386	5·375	5·372	5·360	5·328	5·313	5·295	5·264	5·272	5·267	5·249	5·238	5·229	5·198	5·182	5·173	5·332	6
7	5·150	5·149	5·118	5·108	5·106	5·096	5·109	5·108	5·128	5·146	5·159	5·163	5·168	5·177	5·181	5·188	5·197	5·205	5·212	5·217	5·212	5·212	5·208	5·203	5·163	7
8	5·199	5·187	5·172	5·157	5·144	5·127	5·116	5·099	5·086	5·068	5·048	5·037	5·011	4·993	4·961	4·923	4·911	4·880	4·854	4·818	4·779	4·730	4·769	4·734	4·992	8
9	4·712	4·700	4·692	4·700	4·708	4·713	4·727	4·729	4·742	4·748	4·743	4·749	4·747	4·756	4·750	4·750	4·735	4·705	4·656	4·588	4·501	4·434	4·371	4·363	4·667	9
10	4·377	4·371	4·387	4·423	4·475	4·489	4·508	4·517	4·523	4·524	4·529	4·543	4·558	4·567	4·573	4·582	4·592	4·590	4·584	4·579	4·571	4·595	4·628	4·634	4·530	10
11	4·658	4·670	4·676	4·695	4·701	4·715	4·732	4·754	4·755	4·772	4·789	4·790	4·776	4·777	4·780	4·780	4·762	4·766	4·771	4·778	4·787	4·795	4·809	4·828	4·755	11
12	4·806	4·826	4·833	4·820	4·815	4·826	4·837	4·844	4·872	4·884	4·890	4·911	4·905	4·903	4·899	4·901	4·895	4·910	4·934	4·934	4·932	4·959	4·966	4·966	4·886	12
13	4·982	4·994	5·017	5·037	5·034	5·053	5·063	5·059	5·058	5·074	5·079	5·084	5·071	5·062	5·046	5·017	4·991	4·974	4·978	4·987	5·020	5·033	5·034	5·040	5·033	13
14	5·071	5·064	5·075	5·055	5·054	5·052	5·042	5·051	5·074	5·071	5·074	5·062	5·064	5·079	5·034	5·094	5·090	5·110	5·084	5·122	5·139	5·140	5·143	5·166	5·084	14
15	5·189	5·183	5·195	5·210	5·220	5·224	5·256	5·267	5·283	5·297	5·302	5·299	5·296	5·296	5·303	5·307	5·318	5·353	5·354	5·372	5·392	5·392	5·398	5·401	5·296	15
16	5·414	5·418	5·419	5·421	5·409	5·397	5·377	5·375	5·382	5·378	5·382	5·385	5·392	5·393	5·393	5·392	5·398	5·410	5·398	5·407	5·406	5·411	5·377	5·373	5·396	16
17	5·357	5·380	5·332	5·321	5·322	5·312	5·337	5·333	5·323	5·332	5·327	5·311	5·300	5·290	5·273	5·279	5·280	5·282	5·268	5·267	5·268	5·250	5·240	5·250	5·301	17
18	5·231	5·205	5·188	5·170	5·147	5·116	5·080	5·060	5·034	5·005	4·980	4·960	4·945	4·934	4·966	4·954	4·963	5·006	5·028	5·054	5·055	5·061	5·087	5·115	5·056	18
19	5·130	5·138	5·141	5·171	5·186	5·202	5·215	5·226	5·226	5·229	5·213	5·216	5·200	5·190	5·159	5·114	5·066	5·017	4·938	4·851	4·765	4·774	4·715	4·614	5·072	19
20	4·548	4·430	4·415	4·443	4·472	4·466	4·526	4·566	4·651	4·671	4·759	4·839	4·862	4·881	4·897	4·911	4·913	4·936	4·959	4·979	4·996	5·021	5·058	5·078	4·761	20
21	5·132	5·149	5·165	5·181	5·193	5·207	5·225	5·238	5·251	5·254	5·270	5·274	5·291	5·298	5·301	5·313	5·328	5·342	5·341	5·356	5·347	5·339	5·348	5·345	5·270	21
22	5·349	5·333	5·326	5·310	5·302	5·288	5·284	5·275	5·269	5·264	5·252	5·252	5·241	5·244	5·260	5·273	5·268	5·296	5·316	5·336	5·343	5·351	5·361	5·372	5·299	22
23	5·375	5·380	5·377	5·378	5·382	5·401	5·420	5·441	5·452	5·464	5·467	5·481	5·490	5·492	5·492	5·498	5·504	5·511	5·520	5·525	5·527	5·524	5·520	5·516	5·464	23
24	5·507	5·504	5·502	5·497	5·491	5·483	5·476	5·477	5·479	5·478	5·465	5·465	5·464	5·458	5·445	5·433	5·427	5·422	5·422	5·417	5·419	5·420	5·421	5·420	5·458	24
25	5·417	5·421	5·421	5·435	5·443	5·453	5·464	5·475	5·482	5·497	5·504	5·510	5·517	5·526	5·528	5·522	5·532	5·537	5·548	5·558	5·562	5·569	5·569	5·576	5·503	25
26	5·582	5·584	5·581	5·580	5·578	5·580	5·587	5·593	5·595	5·599	5·610	5·614	5·611	5·610	5·604	5·605	5·597	5·604	5·608	5·615	5·622	5·625	5·625	5·624	5·601	26
27	5·623	5·617	5·616	5·609	5·615	5·613	5·612	5·607	5·612	5·612	5·612	5·613	5·610	5·594	5·580	5·573	5·553	5·555	5·517	5·554	5·541	5·536	5·534	5·523	5·585	27
28	5·519	5·511	5·494	5·487	5·489	5·489	5·500	5·504	5·507	5·505	5·506	5·503	5·510	5·503	5·503	5·497	5·499	5·497	5·499	5·500	5·501	5·506	5·497	5·495	5·501	28
29	5·491	5·476	5·465	5·458	5·447	5·444	5·441	5·434	5·439	5·435	5·421	5·415	5·410	5·397	5·391	5·373	5·367	5·367	5·360	5·351	5·342	5·323	5·301	5·285	5·402	29
30	5·268	5·246	5·235	5·223	5·211	5·195	5·181	5·164	5·148	5·133	5·124	5·101	5·086	5·064	5·043	5·004	4·987	4·964	4·920	4·899	4·916	4·885	4·898	4·869	5·074	30
31	4·862	4·849	4·850	4·811	4·808	4·779	4·764	4·781	4·749	4·745	4·764	4·772	4·752	4·731	4·764	4·761	4·768	4·776	4·793	4·812	4·828	4·846	4·855	4·839	4·794	31
MEANS	5·176	5·170	5·167	5·167	5·169	5·168	5·172	5·176	5·180	5·180	5·183	5·185	5·182	5·180	5·176	5·173	5·171	5·175	5·171	5·171	5·168	5·166	5·165	5·163	5·173	MEANS.

APRIL 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·836	4·835	4·826	4·773	4·708	4·650	4·627	4·709	4·779	4·797	4·834	4·869	4·903	4·910	4·939	4·913	4·902	4·911	4·923	4·917	4·936	4·929	4·942	4·957	4·847	1
2	4·971	4·980	4·999	4·995	5·001	5·001	5·020	5·032	5·037	5·041	5·038	5·022	5·019	5·005	5·001	5·007	5·014	5·041	5·040	5·055	5·076	5·081	5·085	5·087	5·027	2
3	5·092	5·096	5·082	5·085	5·077	5·080	5·083	5·080	5·077	5·079	5·085	5·086	5·096	5·094	5·087	5·079	5·066	5·041	5·057	5·035	5·006	5·005	4·996	5·000	5·065	3
4	5·000	4·982	4·967	4·957	4·947	4·918	4·914	4·894	4·897	4·875	4·905	4·907	4·933	4·959	4·967	4·946	4·955	4·943	4·942	4·941	4·935	4·940	4·924	4·907	4·936	4
5	4·887	4·866	4·835	4·794	4·798	4·767	4·714	4·675	4·651	4·598	4·660	4·619	4·625	4·672	4·665	4·676	4·664	4·706	4·719	4·722	4·729	4·728	4·724	4·740	4·718	5
6	4·743	4·724	4·737	4·715	4·734	4·740	4·736	4·756	4·769	4·790	4·804	4·824	4·850	4·876	4·913	4·929	4·969	4·989	5·026	5·052	5·072	5·090	5·102	5·107	4·877	6
7	5·102	5·095	5·085	5·088	5·085	5·087	5·098	5·090	5·086	5·097	5·095	5·089	5·094	5·083	5·097	5·094	5·090	5·106	5·114	5·128	5·132	5·145	5·156	5·172	5·104	7
8	5·179	5·182	5·192	5·213	5·234	5·259	5·278	5·288	5·309	5·328	5·353	5·366	5·388	5·403	5·415	5·419	5·423	5·426	5·433	5·458	5·465	5·466	5·472	5·471	5·351	8
9	5·469	5·468	5·469	5·471	5·480	5·484	5·496	5·502	5·502	5·506	5·501	5·493	5·492	5·487	5·483	5·489	5·494	5·495	5·495	5·502	5·503	5·506	5·506	5·507	5·492	9
10	5·509	5·504	5·498	5·498	5·496	5·499	5·504	5·511	5·515	5·518	5·525	5·531	5·529	5·528	5·526	5·522	5·524	5·518	5·520	5·527	5·530	5·527	5·520	5·527	5·517	10
11	5·521	5·526	5·503	5·493	5·495	5·487	5·489	5·491	5·495	5·495	5·497	5·498	5·493	5·492	5·493	5·490	5·490	5·482	5·484	5·500	5·500	5·512	5·504	5·501	5·497	11
12	5·505	5·498	5·510	5·497	5·506	5·507	5·510	5·514	5·524	5·529	5·526	5·541	5·528	5·537	5·509	5·510	5·526	5·508	5·525	5·534	5·530	5·553	5·548	5·563	5·522	12
13	5·562	5·567	5·580	5·582	5·586	5·596	5·607	5·610	5·621	5·630	5·636	5·644	5·649	5·641	5·643	5·646	5·642	5·637	5·639	5·640	5·644	5·646	5·639	5·642	5·622	13
14	5·620	5·623	5·636	5·632	5·643	5·651	5·649	5·650	5·650	5·662	5·661	5·665	5·666	5·662	5·656	5·648	5·652	5·634	5·633	5·623	5·628	5·626	5·619	5·607	5·642	14
15	5·616	5·596	5·571	5·568	5·566	5·553	5·538	5·538	5·526	5·516	5·510	5·497	5·481	5·479	5·463	5·445	5·432	5·421	5·419	5·414	5·407	5·392	5·386	5·375	5·488	15
16	5·364	5·359	5·346	5·334	5·325	5·320	5·316	5·321	5·335	5·346	5·353	5·363	5·371	5·382	5·374	5·391	5·401	5·408	5·425	5·444	5·453	5·462	5·473	5·485	5·381	16
17	5·490	5·505	5·497	5·511	5·526	5·523	5·438	5·561	5·561	5·575	5·580	5·590	5.590	5·586	5·584	5·587	5·578	5·578	5·581	5·582	5·572	5·574	5·566	5·550	5·559	17
18	5·539	5·522	5·514	5·499	5·487	5·483	5·478	5·466	5·455	5·448	5·447	5·439	5·426	5·420	5·408	5·393	5·384	5·367	5·366	5·365	5·360	5·357	5·345	5·340	5·430	18
19	5·331	5·332	5·324	5·318	5·302	5·321	5·322	5·328	5·339	5·342	5·349	5·350	5·352	5·352	5·353	5·357	5·355	5·355	5·361	5·378	5·379	5·384	5·385	5·385	5·348	19
20	5·396	5·392	5·396	5·373	5·383	5·382	5·393	5·394	5·401	5·405	5·408	5·412	5·417	5·416	5·417	5·415	5·417	5·417	5·423	5·424	5·427	5·420	5·422	5·425	5·407	20
21	5·421	5·421	5·416	5·412	5·417	5·419	5·426	5·434	5·438	5·445	5·446	5·452	5·447	5·450	5·450	5·447	5·448	5·450	5·454	5·462	5·463	5·461	5·459	5·452	5·441	21
22	5·452	5·447	5·439	5·435	5·426	5·425	5·427	5·435	5·426	5·422	5·425	5·423	5·418	5·411	5·406	5·401	5·395	5·388	5·384	5·390	5·390	5·388	5·381	5·369	5·413	22
23	5·358	5·352	5·343	5·335	5·333	5·330	5·328	5·329	5·332	5·326	5·324	5·329	5·326	5·321	5·322	5·321	5·317	5·316	5·315	5·306	5·316	5·317	5·319	5·313	5·326	23
24	5·310	5·306	5·302	5·294	5·292	5·288	5·292	5·294	5·299	5·296	5·298	5·298	5·302	5·302	5·301	5·301	5·304	5·307	5·306	5·316	5·324	5·330	5·331	5·325	5·305	24
25	5·326	5·322	5·318	5·317	5·306	5·307	5·318	5·325	5·324	5·324	5·328	3·330	5·329	5·326	5·318	5·310	5·301	5·298	5·293	5·290	5·288	5·274	5·265	5·258	5·308	25
26	5·238	5·215	5·206	5·208	5·197	5·193	5·190	5·188	5·186	5·184	5·183	5·184	5·182	5·176	5·169	5·167	5·146	5·157	5·162	5·166	5·167	5·170	5·170	5·173	5·182	26
27	5·168	5·171	5·169	5·166	5·170	5·180	5·194	5·208	5·224	5·239	5·248	5·261	5·271	5·281	5·283	5·292	5·301	5·312	5·328	5·339	5·354	5·361	5·376	5·381	5·262	27
28	5·386	5·392	5·390	5·385	5·382	5·394	5·407	5·423	5·434	5·435	5·434	5·436	5·439	5·429	5·421	5·408	5·402	5·394	5·390	5·384	5·375	5·365	5·354	5·348	5·400	28
29	5·322	5·305	5·282	5·278	5·274	5·270	5·256	5·249	5·231	5·222	5·214	5·199	5·185	5·174	5·152	5·134	5·114	5·094	5·073	5·070	5·035	5·018	4·995	4·989	5·172	29
30	4·986	4·970	4·951	4·939	4·931	4·922	4·917	4·914	4·934	4·945	4·962	4·983	4·997	5·006	5·016	5·028	5·039	5·056	5·073	5·075	5·087	5·085	5·080	5·053	4·998	30
31																										31
MEANS	5·290	5·285	5·279	5·272	5·270	5·268	5·269	5·274	5·279	5·281	5·288	5·290	5·293	5·295	5·294	5·292	5·292	5·292	5·297	5·301	5·303	5·304	5·301	5·300	5·288	MEANS.

MAY 1884.

BAROMETER REDUCED TO 32° HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·041	5·015	4·995	4·947	4·899	4·870	4·817	4·757	4·688	4·758	4·734	4·710	4·721	4·713	4·717	4·724	4·723	4·730	4·741	4·742	4·716	4·737	4·716	4·697	4·788	1
2	4·707	4·737	4·739	4·755	4·736	4·760	4·770	4·778	4·790	4·783	4·758	4·781	4·777	4·758	4·766	4·762	4·748	4·757	4·756	4·764	4·760	4·729	4·730	4·711	4·755	2
3	4·690	4·643	4·608	4·578	4·552	4·548	4·539	4·532	4·530	4·534	4·514	4·494	4·471	4·448	4·436	4·426	4·429	4·430	4·426	4·425	4·426	4·438	4·441	4·433	4·500	3
4	4·448	4·449	4·447	4·446	4·440	4·457	4·478	4·498	4·525	4·551	4·576	4·602	4·610	4·612	4·628	4·655	4·676	4·699	4·706	4·722	4·735	4·746	4·751	4·758	4·592	4
5	4·766	4·765	4·762	4·761	4·779	4·799	4·817	4·825	4·849	4·861	4·870	4·887	4·906	4·903	4·927	4·946	4·957	4·973	4·985	4·996	5·015	5·029	5·037	5·049	4·894	5
6	5·047	5·049	5·052	5·052	5·054	5·080	5·107	5·133	5·141	5·161	5·175	5·186	5·206	5·215	5·223	5·233	5·235	5·251	5·259	5·268	5·280	5·283	5·288	5·284	5·178	6
7	5·286	5·282	5·275	5·264	5·266	5·261	5·257	5·250	5·244	5·222	5·201	5·153	5·118	5·046	5·002	4·978	4·956	4·946	4·957	4·952	4·952	4·935	4·911	4·910	5·109	7
8	4·897	4·896	4·885	4·885	4·893	4·924	4·962	4·985	5·015	5·027	5·042	5·061	5·087	5·101	5·129	5·147	5·153	5·155	5·178	5·187	5·207	5·222	5·226	5·223	5·062	8
9	5·224	5·221	5·210	5·198	5·190	5·199	5·206	5·211	5·230	5·252	5·274	5·300	5·326	5·335	5·345	5·372	5·378	5·385	5·396	5·415	5·422	5·431	5·432	5·448	5·308	9
10	5·448	5·454	5·452	5·454	5·461	5·466	5·479	5·486	5·492	5·496	5·501	5·509	5·515	5·519	5·516	5·515	5·509	5·512	5·513	5·508	5·511	5·511	5·515	5·514	5·494	10
11	5·507	5·505	5·494	5·474	5·468	5·466	5·450	5·439	5·427	5·422	5·412	5·407	5·377	5·365	5·335	5·325	5·293	5·284	5·297	5·301	5·312	5·306	5·302	5·303	5·386	11
12	5·298	5·306	5·301	5·311	5·319	5·331	5·335	5·347	5·360	5·364	5·374	5·386	5·395	5·392	5·393	5·394	5·386	5·383	5·381	5·386	5·390	5·373	5·379	5·378	5·361	12
13	5·379	5·375	5·369	5·355	5·345	5·345	5·336	5·343	5·338	5·330	5·317	5·290	5·281	5·259	5·235	5·213	5·173	5·165	5·117	5·109	5·054	5·044	5·044	5·017	5·243	13
14	5·007	5·008	5·029	5·032	5·037	5·044	5·057	5·079	5·100	5·122	5·145	5·155	5·171	5·192	5·221	5·244	5·265	5·277	5·290	5·284	5·292	5·277	5·275	5·261	5·161	14
15	5·231	5·205	5·178	5·155	5·128	5·119	5·130	5·127	5·142	5·151	5·159	5·174	5·182	5·196	5·192	5·195	5·190	5·188	5·197	5·185	5·172	5·180	5·183	5·178	5·172	15
16	5·167	5·168	5·158	5·151	5·143	5·143	5·153	5·154	5·156	5·158	5·149	5·137	5·130	5·130	5·124	5·101	5·082	5·109	5·112	5·099	5·095	5·099	5·092	5·082	5·129	16
17	5·072	5·065	5·048	5·026	5·015	5·007	4·998	4·995	4·980	4·959	4·951	4·949	4·940	4·939	4·929	4·910	4·897	4·873	4·864	4·858	4·840	4·822	4·803	4·841	4·941	17
18	4·854	4·846	4·857	4·885	4·903	4·929	4·939	4·955	5·017	5·043	5·068	5·105	5·120	5·137	5·149	5·170	5·177	5·188	5·202	5·215	5·232	5·242	5·251	5·254	5·072	18
19	5·253	5·255	5·260	5·264	5·267	5·278	5·284	5·292	5·300	5·305	5·315	5·323	5·327	5·335	5·339	5·339	5·342	5·344	5·347	5·347	5·358	5·363	5·369	5·369	5·316	19
20	5·371	5·369	5·369	5·372	5·371	5·384	5·398	5·408	5·420	5·429	5·442	5·455	5·463	5·474	5·481	5·494	5·510	5·521	5·536	5·547	5·556	5·564	5·569	5·571	5·461	20
21	5·580	5·584	5·594	5·607	5·606	5·608	5·614	5·624	5·622	5·621	5·625	5·620	5·621	5·624	5·614	5·614	5·608	5·597	5·588	5·583	5·595	5·605	5·610	5·620	5·608	21
22	5·628	5·627	5·647	5·645	5·664	5·696	5·704	5·721	5·726	5·741	5·746	5·764	5·769	5·785	5·787	5·793	5·791	5·794	5·795	5·795	5·801	5·800	5·794	5·791	5·742	22
23	5·786	5·777	5·772	5·770	5·772	5·773	5·774	5·773	5·775	5·777	5·777	5·777	5·775	5·778	5·772	5·770	5·760	5·751	5·752	5·749	5·756	5·751	5·738	9·734	5·766	23
24	5·723	5·723	5·723	5·712	5·704	5·708	5·709	5·711	5·711	5·711	5·708	5·706	5·711	5·711	5·715	5·708	5·697	5·695	5·694	5·694	5·697	5·693	5·691	5·689	5·706	24
25	5·681	5·676	5·673	5·670	5·667	5·662	5·664	5·668	5·672	5·672	5·675	5·674	5·682	5·684	5·682	5·681	5·680	5·679	5·681	5·691	5·698	5·701	5·698	5·697	5·680	25
26	5·706	5·704	5·706	5·710	5·715	5·722	5·725	5·734	5·736	5·746	5·751	5·762	5·774	5·784	5·795	5·802	5·801	5·802	5·805	5·811	5·823	5·823	5·822	5·820	5·766	26
27	5·818	5·817	5·815	5·813	5·809	5·807	5·807	5·812	5·813	5·810	5·815	5·815	5·821	5·821	5·815	5·811	5·807	5·803	5·799	5·801	5·803	5·807	5·804	5·802	5·810	27
28	5·796	5·791	5·779	5·778	5·775	5·771	5·776	5·779	5·786	5·792	5·794	5·800	5·802	5·806	5·806	5·805	5·801	5·800	5·795	5·800	5·805	5·804	5·799	5·793	5·793	28
29	5·782	5·774	5·772	5·761	5·757	5·757	5·756	5·756	5·754	5·754	5·753	5·747	5·750	5·752	5·739	5·734	5·725	5·716	5·713	5·707	5·698	5·694	5·684	5·675	5·738	29
30	5·662	5·650	5·639	5·634	5·630	5·626	5·622	5 617	5·622	5·611	5·608	5·608	5·606	5·604	5·604	5·598	5·597	5·598	5·600	5·604	5·612	5·613	5·614	5·614	5·616	30
31	5·609	5·604	5·599	5·601	5·598	5·603	5·604	5·619	5·616	5·623	5·622	5·628	5·627	5·617	5·618	5·605	5·592	5·570	5·561	5·543	5·530	5·505	5·478	5·447	5·584	31
MEANS	5·305	5·301	5·297	5·292	5·289	5·295	5·299	5·303	5·309	5·316	5·318	5·321	5·325	5·324	5·324	5·325	5·321	5·322	5·324	5·325	5·327	5·327	5·324	5·321	5·314	MEANS.

JUNE 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·425	5·391	5·367	5·329	5·305	5·265	5·238	5·201	5·173	5·138	5·109	5·080	5·059	5·038	5·006	4·988	4·980	4·958	4·950	4·964	4·964	4·964	4·960	4·960	5·117	1
2	4·963	4·960	4·958	4·958	4·958	4·974	5·009	5·019	5·038	5·055	5·066	5·109	5·136	5·154	5·168	5·174	5·186	5·211	5·227	5·230	5·258	5·262	5·268	5·272	5·109	2
3	5·278	5·276	5·276	5·275	5·277	5·283	5·287	5·294	5·293	5·294	5·301	5·300	5·295	5·315	5·310	5·312	5·314	5·310	5·307	5·311	5·321	5·327	5·327	5·330	5·301	3
4	5·325	5·323	5·314	5·314	5·311	5·312	5·319	5·326	5·330	5·331	5·342	5·340	5·341	5·347	5·343	5·336	5·332	5·335	5·329	5·328	5·329	5·324	5·321	5·310	5·328	4
5	5·298	5·296	5·280	5·273	5·267	5·264	5·265	5·264	5·259	5·258	5·257	5·256	5·254	5·246	5·247	5·240	5·237	5·224	5·216	5·210	5·209	5·199	5·195	5·182	5·246	5
6	5·177	5·164	5·160	5·153	5·154	5·155	5·157	5·156	5·163	5·159	5·155	5·167	5·163	5·175	5·180	5·175	5·172	5·178	5·184	5·192	5·195	5·199	5·208	5·202	5·173	6
7	5·198	5·203	5·195	5·198	5·201	5·212	5·214	5·222	5·232	5·235	5·237	5·247	5·255	5·260	5·267	5·279	5·278	5·279	5·288	5·298	5·308	5·309	5·311	5·310	5·252	7
8	5·304	5·307	5·308	5·288	5·287	5·293	5·295	5·301	5·308	5·313	5·320	5·329	5·340	5·349	5·350	5·347	5·351	5·352	5·362	5·385	5·370	5·363	5·349	5·357	5·330	8
9	5·359	5·357	5·354	5·359	5·368	5·379	5·393	5·395	5·413	5·419	5·429	5·435	5·437	5·445	5·450	5·452	5·454	5·454	5·448	5·455	5·462	5·465	5·462	5·456	5·420	9
10	5·456	5·454	5·453	5·442	5·439	5·439	5·445	5·464	5·470	5·472	5·475	5·486	5·489	5·489	5·492	5·487	5·482	5·482	5·479	5·473	5·476	5·467	5·452	5·435	5·467	10
11	5·422	5·377	5·378	5·371	5·359	5·348	5·334	5·337	5·340	5·331	5·349	5·370	5·380	5·419	5·427	5·437	5·447	5·461	5·473	5·489	5·502	5·523	5·535	5·540	5·415	11
12	5·551	5·549	5·561	5·579	5·592	5·623	5·634	5·641	5·666	5·657	5·669	5·691	5·686	5·688	5·695	5·695	5·689	5·688	5·692	5·672	5·687	5·689	5·671	5·662	5·651	12
13	5·652	5·639	5·616	5·599	5·588	5·574	5·563	5·568	5·578	5·589	5·590	5·609	5·610	5·628	5·638	5·643	5·657	5·665	5·675	5·680	5·688	5·686	5·682	5·678	5·629	13
14	5·673	5·664	5·657	5·650	5·655	5·662	5·672	5·685	5·688	5·684	5·700	5·705	5·715	5·716	5·717	5·719	5·720	5·720	5·709	5·723	5·729	5·716	5·724	5·727	5·697	14
15	5·726	5·707	5·710	5·722	5·711	5·721	5·715	5·725	5·731	5·729	5·739	5·752	5·756	5·751	5·741	5·736	5·735	5·735	5·720	5·726	5·713	5·711	5·700	5·696	5·725	15
16	5·681	5·670	5·670	5·670	5·674	5·681	5·679	5·685	5·685	5·689	5·700	5·696	5·698	5·701	5·699	5·701	5·704	5·695	5·701	5·702	5·709	5·710	5·708	5·708	5·692	16
17	5·703	5·700	5·691	5·680	5·682	5·687	5·693	5·700	5·704	5·711	5·715	5·715	5·719	5·707	5·703	5·693	5·692	5·686	5·688	5·686	5·686	5·684	5·684	5·675	5·695	17
18	5·668	5·666	5·658	5·659	5·648	5·644	5·648	5·651	5·655	5·658	5·657	5·667	5·673	5·676	5·673	5·673	5·678	5·678	5·684	5·686	5·692	5·684	5·680	5·683	5·668	18
19	5·680	5·677	5·671	5·673	5·665	5·670	5·678	5·684	5·688	5·684	5·682	5·689	5·695	5·699	5·703	5·704	5·706	5·704	5·704	5·716	5·721	5·717	5·720	5·711	5·693	19
20	5·707	5·706	5·707	5·696	5·700	5·701	5·701	5·709	5·707	5·707	5·710	5·711	5·711	5·713	5·717	5·716	5·715	5·708	5·708	5·711	5·713	5·710	5·710	5·697	5·708	20
21	5·685	5·684	5·680	5·671	5·669	5·666	5·673	5·676	5·676	5·682	5·686	5·680	5·681	5·683	5·681	5·681	5·683	5·681	5·679	5·682	5·681	5·680	5·669	5·663	5·678	21
22	5·657	5·643	5·635	5·624	5·618	5·612	5·610	5·610	5·604	5·608	5·602	5·593	5·591	5·586	5·582	5·584	5·581	5·573	5·570	5·567	5·565	5·566	5·555	5·551	5·595	22
23	5·545	5·540	5·533	5·528	5·528	5·525	5·529	5·523	5·521	5·519	5·509	5·503	5·497	5·500	5·494	5·482	5·461	5·446	5·443	5·429	5·425	5·412	5·399	5·391	5·487	23
24	5·390	5·369	5·360	5·350	5·343	5·328	5·324	5·299	5·291	5·274	5·258	5·260	5·237	5·223	5·196	5·201	5·200	5·188	5·196	5·190	5·207	5·220	5·242	5·248	5·266	24
25	5·258	5·261	5·276	5·295	5·279	5·289	5·332	5·331	5·360	5·384	5·388	5·413	5·421	5·432	5·444	5·447	5·457	5·449	5·448	5·443	5·447	5·448	5·466	5·468	5·385	25
26	5·461	5·461	5·453	5·457	5·467	5·469	5·470	5·495	5·499	5·520	5·522	5·531	5·535	5·548	5·552	5·560	5·563	5·563	5·579	5·582	5·591	5·594	5·599	5·603	5·528	26
27	5·604	5·606	5·613	5·623	5·633	5·643	5·658	5·665	5·674	5·680	5·691	5·701	5·710	5·709	5·720	5·731	5·728	5·722	5·728	5·731	5·742	5·744	5·743	5·743	5·689	27
28	5·741	5·742	5·741	5·739	5·746	5·755	5·768	5·774	5·785	5·783	5·783	5·785	5·782	5·784	5·781	5·777	5·772	5·761	5·759	5·753	5·745	5·730	5·714	5·694	5·758	28
29	5·679	5.660	5·637	5·627	5·600	5·576	5·565	5·560	5·554	5·516	5·507	5·505	5·511	5·501	5·517	5·510	5·506	5·513	5·500	5·508	5·523	5·530	5·527	5·519	5·548	29
30	5·519	5·517	5·516	5·519	5·527	5·530	5·541	5·547	5·556	5·569	5·577	5·584	5·590	5·593	5·602	5·604	5·607	5·613	5·624	5·632	5·648	5·658	5·664	5·667	5·584	30
31																										31
MEANS	5·493	5·486	5·481	5·477	5·475	5·476	5·480	5·483	5·488	5·488	5·491	5·497	5·499	5·502	5·503	5·503	5·503	5·501	5·502	5·505	5·510	5·510	5·508	5·505	5·494	MEANS.

JULY 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·668	5·668	5·670	5·674	5·675	5·674	5·681	5·683	5·694	5·700	5·707	5·708	5·710	5·714	5·711	5·712	5·719	5·713	5·717	5·715	5·714	5·724	5·722	5·719	5·700	1
2	5·714	5·699	5·690	5·691	5·684	5·681	5·682	5·677	5·674	5·670	5·665	5·665	5·664	5·654	5·654	5·643	5·647	5·630	5·624	5·625	5·623	5·629	5·621	5·615	5·659	2
3	5·598	5·585	5·567	5·560	5·560	5·571	5·571	5·574	5·571	5·569	5·568	5·567	5·563	5·565	5·560	5·562	5·554	5·554	5·549	5·555	5·560	5·559	5·549	5·547	5·564	3
4	5·535	5·528	5·520	5·513	5·505	5·495	5·491	5·502	5·515	5·519	5·524	5·531	5·519	5·508	5·516	5·495	5·480	5·487	5·490	5·490	5·494	5·494	5·493	5·496	5·506	4
5	5·489	5·478	5·478	5·462	5·457	5·453	5·454	5·466	5·468	5·475	5·482	5·476	5·480	5·485	5·491	5·484	5·482	5·482	5·483	5·487	5·488	5·487	5·475	5·459	5·476	5
6	5·448	5·445	5·428	5·419	5·415	5·421	5·424	5·424	5·424	5·427	5·430	5·428	5·427	5·430	5·431	5·425	5·423	5·426	5·423	5·422	5·423	5·421	5·425	5·404	5·426	6
7	5·395	5·384	5·371	5·361	5·351	5·345	5·343	5·341	5·345	5·339	5·356	5·355	5·358	5·369	5·365	5·362	5·369	5·373	5·374	5·389	5·388	5·415	5·413	5·413	5·370	7
8	5·408	5·413	5·405	5·374	5·368	5·368	5·370	5·356	5·376	5·412	5·424	5·439	5·446	5·447	5·448	5·447	5·445	5·447	5·447	5·439	5·453	5·428	5·430	5·422	5·417	8
9	5·411	5·420	5·403	5·401	5·401	5·405	5·412	5·418	5·415	5·408	5·413	5·421	5·415	5·406	5·395	5·381	5·375	5·363	5·357	5·341	5·317	5·312	5·302	5·303	5·383	9
10	5·290	5·283	5·239	5·232	5·248	5·237	5·240	5·228	5·236	5·235	5·233	5·220	5·207	5·215	5·205	5·191	5·202	5·184	5·176	5·170	5·154	5·137	5·138	5·149	5·210	10
11	5·152	5·145	5·131	5·125	5·112	5·103	5·115	5·124	5·118	5·122	5·160	5·142	5·162	5·178	5·199	5·202	5·213	5·221	5·234	5·239	5·240	5·243	5·234	5·227	5·173	11
12	5·222	5·207	5·205	5·194	5·170	5·189	5·201	5·209	5·221	5·238	5·249	5·261	5·278	5·282	5·296	5·305	5·312	5·322	5·329	5·332	5·329	5·341	5·345	5·344	5·266	12
13	5·337	5·315	5·325	5·318	5·325	5·325	5·331	5·330	5·336	5·346	5·335	5·318	5·308	5·295	5·272	5·269	5·224	5·219	5·178	5·200	5·216	5·226	5·227	5·224	5·283	13
14	5·213	5·203	5·194	5·188	5·177	5·169	5·168	5·161	5·152	5·158	5·157	5·162	5·160	5·172	5·176	5·179	5·171	5·185	5·179	5·185	5·196	5·204	5·199	5·200	5·175	14
15	5·201	5·197	5·197	5·200	5·210	5·211	5·212	5·222	5·226	5·237	5·248	5·250	5·256	5·250	5·247	5·235	5·217	5·194	5·167	5·143	5·119	5·054	5·016	5·008	5·188	15
16	4·996	5·014	4·995	4·980	4·962	4·938	4·920	4·887	4·888	4·901	4·890	4·870	4·874	4·884	4·880	4·878	4·867	4·847	4·843	4·833	4·847	4·864	4·879	4·878	4·901	16
17	4·890	4·908	4·916	4·923	4·924	4·931	4·956	4·985	5·002	5·010	5·037	5·068	5·090	5·123	5·145	5·157	5·173	5·180	5·190	5·198	5·205	5·215	5·221	5·219	5·069	17
18	5·221	5·216	5·214	5·213	5·211	5·214	5·220	5·233	5·237	5·252	5·264	5·280	5·291	5·309	5·336	5·341	5·361	5·362	5·374	5·383	5·397	5·409	5·412	5·429	5·299	18
19	5·440	5·442	5·451	5·452	5·463	5·476	5·494	5·511	5·522	5·540	5·558	5·564	5·582	5·593	5·593	5·586	5·583	5·583	5·596	5·598	5·602	5·603	5·603	5·598	5·543	19
20	5·594	5·586	5·572	5·569	5·573	5·572	5·574	5·576	5·581	5·583	5·590	5·588	5·586	5·589	5·581	5·575	5·569	5·551	5·545	5·533	5·524	5·501	5·498	5·482	5·566	20
21	5·458	5·439	5·414	5·392	5·374	5·359	5·353	5·341	5·348	5·346	5·346	5·354	5·360	5·370	5·374	5·375	5·374	5·378	5·375	5·376	5·385	5·381	5·375	5·378	5·376	21
22	5·373	5·368	5·359	5·353	5·356	5·359	5·356	5·359	5·357	5·354	5·355	5·354	5·355	5·359	5·362	5·356	5·339	5·335	5·330	5·326	5·324	5·319	5·311	5·305	5·347	22
23	5·288	5·277	5·257	5·239	5·228	5·216	5·206	5·193	5·185	5·180	5·164	5·156	5·157	5·150	5·146	5·129	5·123	5·117	5·115	5·108	5·107	5·108	5·090	5·083	5·168	23
24	5·078	5·068	5·059	5·060	5·062	5·067	5·072	5·074	5·085	5·095	5·111	5·111	5·123	5·141	5·158	5·188	5·197	5·218	5·243	5·262	5·279	5·295	5·309	5·311	5·153	24
25	5·323	5·329	5·332	5·344	5·345	5·363	5 391	5·393	5·408	5·411	5·437	5·447	5·453	5·473	5·475	5·466	5·472	5·476	5·476	5·472	5·479	5·484	5·476	5·476	5·425	25
26	5·467	5·461	5·439	5·431	5·424	5·427	5·429	5·427	5·418	5·410	5·409	5·394	5·388	5·382	5·378	5·374	5·362	5·355	5·353	5·354	5·347	5·343	5·338	5·344	5·394	26
27	5·343	5·342	5·347	5·358	5·363	5·375	5·394	5·415	5·430	5·449	5·473	5·484	5·497	5·511	5·525	5·529	5·530	5·536	5·546	5·558	5·560	5·559	5·555	5·560	5·468	27
28	5·554	5·547	5·538	5·534	5·530	5·525	5·523	5·527	5·532	5·523	5·514	5·512	5·505	5·516	5·503	5·502	5·505	5·509	5·514	5·518	5·518	5·520	5·520	5·525	5·521	28
29	5·523	5·520	5·510	5·512	5·529	5·522	5·528	5·541	5·549	5·560	5·568	5·576	5·584	5·602	5·604	5·605	5·607	5·609	5·612	5·619	5·629	5·629	5·631	5·633	5·575	29
30	5·633	5·631	5·623	5·621	5·622	5·628	5·629	5·629	5·634	5·633	5·628	5·628	5·633	5·638	5·629	5·624	5·620	5·622	5·631	5·623	5·622	5·617	5·615	5·612	5·626	30
31	5·609	5·615	5·610	5·605	5·606	5·608	5·617	5·624	5·631	5·637	5·647	5·656	5·662	5·663	5·659	5·667	5·666	5·662	5·667	5·665	5·667	5·660	5·664	5·647	5·642	31
MEANS	5·383	5·378	5·370	5·364	5·362	5·362	5·366	5·369	5·373	5·379	5·385	5·387	5·390	5·396	5·397	5·395	5·393	5·392	5·392	5·392	5·394	5·393	5·390	5·387	5·383	MEANS.

AUGUST 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·637	5·632	5·620	5·613	5·599	5·597	5·595	5·599	5·592	5·581	5·574	5·557	5·551	5·549	5·534	5·520	5·502	5·481	5·456	5·430	5·426	5·373	5·325	5·299	5·527	1
2	5·245	5·245	5·190	5·248	5·203	5·216	5·208	5·225	5·227	5·237	5·201	5·215	5·212	5·209	5·220	5·220	5·236	5·235	5·242	5·251	5·263	5·270	5·272	5·268	5·232	2
3	5·272	5·263	5·255	5·249	5·245	5·252	5·245	5·263	5·273	5·282	5·290	5·289	5·309	5·310	5·327	5·348	5·350	5·377	5·396	5·409	5·421	5·439	5·451	5·445	5·323	3
4	5·458	5·460	5·465	5·473	5·484	5·493	5·510	5·521	5·531	5·542	5·557	5·574	5·581	5·599	5·608	5·608	5·599	5·603	5·606	5·606	5·616	5·620	5·622	5·619	5·556	4
5	5·613	5·613	5·602	5·604	5·582	5·588	5·587	5·583	5·583	5·593	5·582	5·595	5·601	5·603	5·602	5·602	5·597	5·601	5·600	5·592	5·592	5·590	5·588	5·570	5·594	5
6	5·562	5·555	5·547	5·540	5·552	5·540	5·559	5·567	5·574	5·587	5·594	5·602	5·602	5·605	5·603	5·603	5·600	5·600	5·598	5·596	5·597	5·593	5·584	5·581	5·581	6
7	5·586	5·584	5·574	5·571	5·579	5·580	5·592	5·609	5·621	5·625	5·635	5·650	5·660	5·671	5·675	5·674	5·681	5·687	5·685	5·686	5·691	5·694	5·697	5·696	5·642	7
8	5·692	5·690	5·683	5·679	5·676	5·684	5·677	5·676	5·682	5·686	5·689	5·689	5·682	5·675	5·677	5·663	5·659	5·652	5·343	5·643	5·643	5·631	5·623	5·605	5·667	8
9	5·608	5·612	5·600	5·599	5·586	5·586	5·593	5·594	5·594	5·592	5·592	5·601	5·597	5·589	5·589	5·582	5·577	5·567	5·558	5·553	5·559	5·553	5·546	5·536	5·582	9
10	5·518	5·504	5·504	5·495	5·499	5·506	5·510	5·512	5·505	5·509	5·514	5·513	5·513	5·518	5·518	5·510	5·494	5·490	5·492	5·495	5·488	5·470	5·472	5·467	5·501	10
11	5·466	5·448	5·451	5·453	5·458	5·469	5·472	5·476	5·486	5·497	5·500	5·507	5·513	5·508	5·509	5·510	5·511	5·510	5·509	5·521	5·520	5·514	5·518	5·511	5·493	11
12	5·505	5·499	5·490	5·487	5·480	5·476	5·480	5·495	5·502	5·498	5·493	5·499	5·471	5·480	5·472	5·472	5·481	5·467	5·459	5·460	5·447	5·447	5·432	5·432	5·476	12
13	5·432	5·425	5·413	5·409	5·397	5·395	5·394	5·394	5·386	5·368	5·375	5·374	5·366	5·370	5·369	5·372	5·368	5·368	5·366	5·366	5·370	5·371	5·362	5·359	5·382	13
14	5·356	5·353	5·345	5·337	5·336	5·354	5·365	5·352	5·359	5·377	5·383	5·393	5·414	5·430	5·440	5·444	5·447	5·447	5·460	5·461	5·471	5·480	5·482	5·483	5·407	14
15	5·481	5·485	5·484	5·481	5·479	5·493	5·496	5·484	5·502	5·513	5·514	5·511	5·500	5·488	5·481	5·468	5·468	5·460	5·433	5·419	5·417	5·424	5·413	5·423	5·472	15
16	5·408	5·418	5·407	5·408	5·404	5·404	5·419	5·429	5·439	5·454	5·459	5·479	5·480	5·487	5·485	5·487	5·487	5·484	5·483	5·486	5·483	5·474	5·473	5·464	5·454	16
17	5·462	5·449	5·443	5·440	5·444	5·452	5·458	5·468	5·474	5·477	5·483	5·485	5·483	5·487	5·485	5·476	5·471	5·467	5·463	5·466	5·467	5·463	5·463	5·463	5·466	17
18	5·458	5·457	5·448	5·442	5·434	5·433	5·439	5·438	5·447	5·446	5·445	5·436	5·434	5·430	5·416	5·400	5·376	5·356	5·337	5·340	5·330	5·310	5·302	5·274	5·401	18
19	5·260	5·250	5·226	5·216	5·195	5·190	5·174	5·172	5·210	5·236	5·249	5·264	5·285	5·302	5·316	5·330	5·332	5·344	5·371	5·387	5·400	5·411	5·425	5·436	5·291	19
20	5·437	5·442	5·443	5·442	5·450	5·460	5·472	5·485	5·489	5·491	5·492	5·488	5·490	5·490	5·484	5·472	5·462	5·465	5·444	5·456	5·473	5·464	5·473	5·471	5·468	20
21	5·509	5·513	5·522	5·534	5·546	5·574	5·602	5·616	5·637	5·649	5·663	5·677	5·678	5·684	5·688	5·688	5·679	5·676	5·659	5·660	5·651	5·643	5·632	5·615	5·625	21
22	5·618	5·611	5·604	5·596	5·595	5·603	5·611	5·617	5·615	5·621	5·624	5·623	5·617	5·616	5·620	5·608	5·596	5·590	5·575	5·572	5·578	5·570	5·563	5·563	5·596	22
23	5·553	5·542	5·543	5·539	5·535	5·537	5·545	5·546	5·543	5·545	5·545	5·546	5·542	5·546	5·540	5·540	5·532	5·539	5·537	5·541	5·534	5·537	5·529	5·523	5·540	23
24	5·527	5·519	5·515	5·509	5·504	5·506	5·498	5·486	5·483	5·479	5·471	5·464	5·461	5·459	5·454	5·438	5·435	5·436	5·436	5·438	5·450	5·449	5·456	5·457	5·472	24
25	5·454	5·445	5·444	5·454	5·461	5·472	5·478	5·485	5·499	5·550	5·511	5·531	5·536	5·551	5·563	5·560	5·572	5·569	5·579	5·586	5·581	5·577	5·569	5·563	5·522	25
26	5·556	5·554	5·544	5·528	5·522	5·520	5·520	5·519	5·517	5·514	5·515	5·513	5·513	5·513	5·509	5·500	5·497	5·507	5·509	5·509	5·503	5·498	5·491	5·478	5·515	26
27	5·466	5·457	5·453	5·435	5·421	5·417	5·414	5·400	5·386	5·377	5·361	5·345	5·332	5·311	5·288	5·269	5·244	5·224	5·209	5·191	5·170	5·153	5·138	5·113	5·316	27
28	5·091	5·065	5·057	5·043	5·041	5·028	5·035	5·036	5·032	5·028	5·021	5·022	5·020	5·015	5·007	5·003	5·003	4·998	4·998	5·001	5·005	5·004	5·006	5·007	5·024	28
29	5·010	5·010	5·013	5·018	5·026	5·038	5·053	5·059	5·079	5·090	5·101	5·105	5·112	5·119	5·119	5·126	5·124	5·135	5·144	5·153	5·161	5·166	5·178	5·184	5·097	29
30	5·182	5·184	5·191	5·182	5·185	5·194	5·202	5·203	5·206	5·205	5·214	5·220	5·217	5·212	5·214	5·207	5·201	5·197	5·187	5·188	5·185	5·179	5·176	5·170	5·196	30
31	5·172	5·173	5·166	5·163	5·164	5·162	5·165	5·167	5·167	5·176	5·178	5·182	5·182	5·182	5·173	5·166	5·165	5·156	5·155	5·155	5·154	5·150	5·143	5·136	5·165	31
MEANS.	5·439	5·434	5·427	5·425	5·422	5·426	5·431	5·435	5·440	5·444	5·446	5·450	5·450	5·452	5·451	5·447	5·443	5·442	5·438	5·439	5·440	5·436	5·432	5·426	5·438	MEANS.

SEPTEMBER 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·131	5·120	5·109	5·096	5·089	5·082	5·080	5·080	5·078	5·077	5·075	5·071	5·066	5·064	5·056	5·042	5·036	5·027	5·015	5·022	5·018	5·020	5·022	5·018	5·062	1
2	5·018	5·014	5·011	5·010	4·992	4·995	5·000	5·010	5·016	5·017	5·016	5·011	5·026	5·031	5·042	5·038	5·037	5·040	5·032	5·058	5·055	5·065	5·087	5·088	5·030	2
3	5·096	5·088	5·089	5·084	5·083	5·089	5·102	5·094	5·107	5·111	5·106	5·105	5·131	5·137	5·140	5·138	5·137	5·137	5·149	5·152	5·162	5·154	5·155	5·147	5·121	3
4	5·146	5·144	5·144	5·139	5·131	5·137	5·143	5·136	5·148	5·152	5·150	5·151	5·154	5·154	5·149	5·146	5·137	5·136	5·145	5·142	5·144	5·130	5·124	5·123	5·142	4
5	5·122	5·112	5·109	5·100	5·099	5·095	5·098	5·095	5·097	5·094	5·094	5·091	5·094	5·090	5·081	5·089	5·089	5·080	5·084	5·083	5·077	5·081	5·075	5·072	5·092	5
6	5·070	5·059	5·058	5·054	5·046	5·048	5·045	5·050	5·050	5·047	5·051	5·046	5·034	5·028	5·016	5·001	4·982	4·972	4·961	4·959	4·950	4·947	4·946	4·941	5·015	6
7	4·938	4·934	4·943	4·963	4·976	4·986	5·013	5·021	5·064	5·085	5·104	5·131	5·157	5·182	5·202	5·214	5·234	5·251	5·268	5·290	5·300	5·321	5·329	5·341	5·135	7
8	5·351	5·366	5·384	5·388	5·390	5·409	5·416	5·432	5·450	5·463	5·469	5·479	5·487	5·494	5·482	5·485	5·485	5·478	5·483	5·498	5·495	5·503	5·509	5·515	5·455	8
9	5·525	5·531	5·527	5·538	5·544	5·555	5·563	5·574	5·591	5·596	5·600	5·609	5·618	5·628	5·637	5·640	5·636	5·649	5·653	5·662	5·675	5·683	5·680	5·681	5·608	9
10	5·678	5·678	5·685	5·681	5·685	5·696	5·701	5·708	5·721	5·730	5·727	5·730	5·736	5·737	5·734	5·730	5·731	5·730	5·732	5·737	5·735	5·739	5·738	5·728	5·718	10
11	5·733	5·735	5·738	5·744	5·745	5·758	5·771	5·788	5·801	5·822	5·833	5·845	5·855	5·867	5·869	5·872	5·876	5·885	5·903	5·908	5·910	5·914	5·915	5·912	5·833	11
12	5·915	5·915	5·918	5·920	5·917	5·922	5·932	5·944	5·951	5·959	5·961	5·971	5·970	5·967	5·966	5·961	5·973	5·973	5·979	5·989	5·994	5·997	5·992	5·987	5·957	12
13	5·989	5·983	5·980	5·975	5·969	5·972	5·976	5·974	5·959	5·967	5·954	5·953	5·946	5·943	5·929	5·925	5·922	5·920	5·920	5·926	5·921	5·918	5·913	5·909	5·948	13
14	5·896	5·892	5·890	5·884	5·880	5·887	5·890	5·890	5·886	5·877	5·872	5·861	5·845	5·830	5·829	5·818	5·816	5·797	5·791	5·788	5·786	5·774	5·764	5·757	5·842	14
15	5·758	5·745	5·732	5·727	5·721	5·722	5·717	5·722	5·729	5·725	5·722	5·722	5·730	5·721	5·715	5·717	5·718	5·718	5·720	5·732	5·738	5·732	5·709	5·706	5·725	15
16	5·704	5·687	5·677	5·673	5·680	5·674	5·673	5·678	5·676	5·681	5·676	5·677	5·660	5·620	5·631	5·646	5·654	5·654	5·670	5·690	5·697	5·713	5·720	5·727	5·677	16
17	5·736	5·741	5·735	5·727	5·729	5·737	5·752	5·755	5·760	5·772	5·776	5·781	5·793	5·794	5·795	5·800	5·787	5·808	5·831	5·843	5·852	5·863	5·870	5·878	5·788	17
18	5·886	5·886	5·875	5·882	5·877	5·886	5·900	5·916	5·903	5·898	5·908	5·903	5·903	5·904	5·904	5·885	5·882	5·880	5·884	5·878	5·880	5·873	5·869	5·868	5·889	18
19	5·858	5·845	5·833	5·823	5·810	5·804	5·799	5·793	5·798	5·783	5·785	5·775	5·761	5·747	5·727	5·712	5·696	5·678	5·669	5·670	5·659	5·649	5·625	5·605	5·746	19
20	5·575	5·567	5·564	5·545	5·528	5·509	5·501	5·493	5·488	5·477	5·465	5·449	5·445	5·429	5·417	5·406	5·385	5·367	5·354	5·335	5·317	5·300	5·278	5·263	5·436	20
21	5·255	5·228	5·208	5·188	5·162	5·149	5·123	5·125	5·107	5·095	5·087	5·079	5·076	5·071	5·060	5·063	5·046	5·045	5·047	5·047	5·051	5·043	5·038	5·042	5·101	21
22	5·042	5·031	5·027	5·028	5·027	5·036	5·041	5·058	5·059	5·085	5·080	5·084	5·097	5·114	5·112	5·127	5·137	5·156	5·176	5·188	5·201	5·208	5·212	5·246	5·107	22
23	5·250	5·266	5·284	5·288	5·305	5·322	5·345	5·358	5·380	5·400	5·412	5·428	5·436	5·437	5·432	5·419	5·405	5·398	5·392	5·388	5·373	5·352	5·323	5·306	5·362	23
24	5·280	5·262	5·242	5·222	5·191	5·190	5·198	5·188	5·185	5·198	5·199	5·215	5·213	5·223	5·219	5·215	5·235	5·246	5·264	5·288	5·300	5·325	4·339	5·344	5·241	24
25	5·355	5·373	5·375	5·383	5·397	5·409	5·420	5·424	5·421	5·417	5·401	5·386	5·368	5·350	5·307	5·288	5·257	5·246	5·199	5·178	5·163	5·148	5·141	5·127	5·314	25
26	5·125	5·113	5·120	5·130	5·110	5·123	5·124	5·131	5·135	5·143	5·151	5·145	5·156	5·155	5·152	5·147	5·146	5·132	5·141	5·118	5·088	5·057	5·023	4·980	5·119	26
27	4·861	4·869	4·814	4·786	4·741	4·754	4·777	4·767	4·803	4·860	4·906	4·965	4·974	5·021	5·038	5·054	5·060	5·076	5·071	5·084	5·078	5·085	5·053	5·069	4·940	27
28	5·050	5·042	5·064	5·081	5·072	5·109	5·124	5·133	5·167	5·171	5·178	5·164	5·162	5·158	5·139	5·126	5·114	5·109	5·107	5·099	5·100	5·105	5·119	5·133	5·118	28
29	5·143	5·151	5·159	5·164	5·177	5·185	5·202	5·205	5·205	5·229	5·263	5·277	5·310	5·319	5·321	5·343	5·359	5·364	5·378	5·393	5.392	5·403	5·397	5·393	5·280	29
30	5·388	5·376	5·370	5·360	5·338	5·320	5·307	5·320	5·312	5·279	5·263	5·238	5·211	5·200	5·146	5·112	5·093	5·060	5·035	5·048	5·086	5·090	5·065	5·075	5·212	30
31																										31
MEANS.	5·396	5·392	5·389	5·386	5·380	5·385	5·391	5·395	5·402	5·407	5·409	5·411	5·414	5·414	5·408	5·405	5·402	5·400	5·402	5·406	5·407	5·406	5·401	5·399	5·400	MEANS.

OCTOBER 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4405·5 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·079	5·095	5·098	5·083	5·081	5·117	5·157	5·211	5·248	5·274	5·300	5·321	5·337	5·360	5·377	5·380	5·390	5·400	5·417	5·406	5·403	5·394	5·381	5·379	5·279	1
2	5·369	5·350	5·339	5·346	5·340	5·320	5·318	5·317	5·298	5·290	5·263	5·234	5·218	5·183	5·175	5·146	5·115	5·100	5·133	5·129	5·129	5·117	5·122	5·131	5·229	2
3	5·141	5·128	5·147	5·159	5·159	5·174	5·200	5·218	5·256	5·293	5·317	5·339	5·353	5·362	5·420	5·430	5·447	5·479	5·518	5·560	5·571	5·600	5·622	5·648	5·356	3
4	5·671	5·702	5·726	5·740	5·761	5·774	5·793	5·828	5·849	5·867	5·876	5·897	5·912	5·924	5·919	5·934	5·944	5·959	5·968	5·981	5·995	6·003	6·024	6·033	5·879	4
5	6·044	6·042	6·043	6·048	6·055	6·070	6·086	6·091	6·101	6·107	6·112	6·115	6·112	6·111	6·112	6·105	6·108	6·101	6·106	6·107	6·103	6·103	6·102	6·102	6·091	5
6	6·092	6·084	6·070	6·068	6·064	6·066	6·066	6·068	6·066	6·062	6·057	6·049	6·035	6·026	6·017	6·004	5·992	5·984	5 979	5·974	5·968	5·953	5·943	5·930	6·026	6
7	5·918	5·901	5·880	5·862	5·832	5·829	5·816	5·807	5·789	5·772	5·752	5·729	5·701	5·682	5·650	5·619	5·592	5·567	5·542	5·520	5·490	5·459	5·427	5·396	5·689	7
8	5·363	5·324	5·290	5·247	5·213	5·189	5·147	5·134	5·107	5·081	5·059	5·043	5·021	5·004	4·981	4·969	4·946	4·955	4·955	4·958	4·958	4·964	4·967	4·967	5·077	8
9	4·970	4·966	4·972	4·970	4·972	4·984	4·993	5·001	5·016	5·032	5·029	5·028	5·028	4·975	5·009	4·998	4·990	5·082	5·085	5·081	5·080	5·085	5·071	5·063	5·020	9
10	5·063	5·050	5·049	5·050	5·036	5·034	5·035	5·040	5·056	5·088	5·095	5·095	5·083	5·099	5·111	5·108	5·118	5·110	5·117	5·126	5·127	5·124	5·116	5·117	5·085	10
11	5·119	5·124	5·120	5·121	5·124	5·113	5·114	5·120	5·113	5·106	5·143	5·169	5·174	5·180	5·207	5·229	5·248	5·260	5·284	5·292	5·290	5·311	5·320	5·335	5·192	11
12	5·334	5·352	5·349	5·365	5·363	5·371	5·380	5·395	5·403	5·424	5·437	5·449	5·445	5·450	5·451	5·447	5·457	5·469	5·468	5·474	5·476	5·477	5·467	5·461	5·424	12
13	5·463	5·453	5·446	5·446	5·440	5·443	5·449	5·450	5·447	5·440	5·429	5·419	5·408	5·393	5·384	5·381	5·382	5·384	5·388	5·395	5·396	5·405	5·403	5·404	5·419	13
14	5·405	5·403	5·404	5·406	5·407	5·410	5·426	5·456	5·472	5·489	5·490	5·503	5·507	5·513	5·514	5·517	5·521	5·524	5·530	5·535	5·537	5·533	5·520	5·497	5·480	14
15	5·477	5·456	5·443	5·434	5·438	5·443	5·440	5·455	5·466	5·475	5·483	5·490	5·496	5·492	5·482	5·496	5·497	5·497	5·511	5·523	5·525	5·527	5·549	5·545	5·485	15
16	5·554	5·568	5·568	5·571	5·592	5·601	5·614	5·626	5·630	5·625	5·618	5·604	5·598	5·590	5·573	5·576	5·576	5·584	5·578	5·581	5·570	5·566	5·562	5·550	5·586	16
17	5·565	5·562	5·555	5·561	5·557	5·557	5·568	5·559	5·569	5·570	5·592	5·568	5·592	5·594	5·582	5·606	5·604	5·619	5·629	5·643	5·652	5·670	5·665	5·686	5·597	17
18	5·678	5·673	5·680	5·672	5·680	5·674	5·687	5·689	5·695	5·709	5·702	5·694	5·690	5·681	5·682	5·665	5·666	5·649	5·636	5·629	5·614	5·606	5·594	5·591	5·664	18
19	5·588	5·566	5·566	5·560	5·555	5·555	5·568	5·578	5·579	5·584	5·588	5·588	5·584	5·585	5·604	5·606	5·602	5·595	5·621	5·626	5·627	5·632	5·644	5·644	5·594	19
20	5·644	5·646	5·647	5·642	5·644	5·647	5·648	5·652	5·654	5·667	5·677	5·682	5·690	5·696	5·690	5·689	5·696	5·698	5·702	5·706	5·702	5·695	5·688	5·682	5·674	20
21	5·673	5·661	5·654	5·642	5·614	5·609	5·609	5·611	5·615	5·610	5·610	5·593	5·589	5·587	5·569	5·568	5·572	5·572	5·568	5·576	5·570	5·572	5·575	5·571	5·600	21
22	5·574	5·561	5·557	5·549	5·545	5·527	5·524	5·536	5·531	5·525	5·519	5·502	5·490	5·483	5·466	5·457	5·454	5·445	5·439	5·424	5·429	5·423	5·414	5·394	5·490	22
23	5·370	5·361	5·343	5·327	5·310	5·296	5·306	5·294	5·292	5·269	5·265	5·268	5·278	5·256	5·265	5·259	5·259	5·262	5·268	5·272	5·275	5·272	5·275	5·283	5·289	23
24	5·287	5·293	5·294	5·299	5·311	5·325	5·347	5·365	5·381	5·397	5·407	5·413	5·417	5·421	5·424	5·435	5·448	5·441	5·445	5·450	5·446	5·424	5·403	5·385	5·386	24
25	5·367	5·356	5·325	5·299	5·264	5·258	5·236	5·218	5·210	5·222	5·210	5·181	5·163	5·140	5·109	5·030	4·962	4·913	4·892	4·848	4·773	4·720	4·694	4·629	5·084	25
26	4·640	4·561	4·559	4·588	4·598	4·609	4·610	4·622	4·632	4·694	4·700	4·664	4·671	4·677	4·680	4·703	4·710	4·682	4·718	4·760	4·779	4·807	4·842	4·868	4·682	26
27	4·869	4·900	4·930	4·942	4·960	4·972	4·989	5·019	5·020	5·045	5·050	5·031	5·030	5·004	4·991	4·946	4·881	4·823	4·778	4·702	4·684	4·644	4·624	4·585	4·892	27
28	4·580	4·525	4·476	4·434	4·375	4·347	4·364	4·510	4·639	4·689	4·734	4·777	4·818	4·856	4·876	4·910	4·936	4·959	4·986	5·013	5·025	5·047	5·061	5·072	4·750	28
29	5·068	5·082	5·082	5·085	5·083	5·101	5·109	5·124	5·151	5·175	5·183	5·188	5·173	5·181	5·172	5·190	5·187	5·175	5·165	5·167	5·151	5·172	5·191	5·190	5·148	29
30	5·205	5·209	5·207	5·203	5·221	5·235	5·225	5·206	5·216	5·200	5·183	5·180	5·178	5·172	5·170	5·171	5·163	5·173	5·174	5·179	5·157	5·178	5·176	5·148	5·189	30
31	5·176	5·163	5·152	5·111	5·109	5·095	5·104	5·100	5·145	5·202	5·217	5·218	5·212	5·270	5·272	5·270	5·234	5·215	5·217	5·217	5·228	5·251	5·251	5·228	5·198	31
MEANS.	5·366	5·359	5·354	5·349	5·345	5·347	5·353	5·365	5·376	5·387	5·390	5·388	5·387	5·385	5·385	5·382	5·377	5·377	5·381	5·382	5·378	5·379	5·377	5·371	5·373	MEANS.

NOVEMBER 1884.

BAROMETER REDUCED TO 32°. { TILL NOV. 14TH / ON AND AFTER NOV. 15TH } HEIGHT ABOVE SEA LEVEL { 4405·5 / 4407 } FEET.—NO CORRECTION APPLIED.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·234	5·235	5·237	5·239	5·213	5·200	5·180	5·187	5·181	5·197	5·212	5·221	5·241	5·261	5·264	5·281	5·279	5·285	5·293	5·288	5·279	5·270	5·245	5·222	5·239	1
2	5·200	5·175	5·151	5·137	5·118	5·119	5·125	5·137	5·154	5·157	5·174	5·180	5·184	5·172	5·190	5·184	5·195	5·202	5·200	5·213	5·218	5·203	5·202	5·196	5·174	2
3	5·185	5·173	5·171	5·161	5·164	5·187	5·200	5·219	5·253	5·283	5·296	5·308	5·324	5·324	5·333	5·332	5·336	5·330	5·332	5·326	5·309	5·276	5·241	5·217	5·262	3
4	5·195	5·157	5·137	5·106	5·063	5·038	5·027	5·014	4·993	4·933	4·931	4·898	4·865	4·854	4·864	4·837	4·819	4·760	4·679	4·594	4·633	4·631	4·654	4·665	4·889	4
5	4·668	4·652	4·653	4·644	4·648	4·643	4·682	4·722	4·734	4·759	4·791	4·809	4·822	4·834	4·865	4·895	4·920	4·945	4·962	4·987	5·002	5·009	5·035	5·046	4·826	5
6	5·069	5·092	5·101	5·120	5·135	5·162	5·183	5·213	5·228	5·249	5·282	5·287	5·297	5·300	5·313	5·320	5·310	5·318	5·321	5·307	5·298	5·273	5·257	5·176	5·234	6
7	5·163	5·077	5·022	4·965	4·918	4·923	4·876	4·892	4·883	4·860	4·846	4·815	4·822	4·819	4·826	4·864	4·941	5·004	5·065	5·130	5·146	5·186	5·221	5·233	4·979	7
8	5·265	5·290	5·271	5·256	5·256	5·243	5·229	5·220	5·207	5·176	5·207	5·170	5·148	5·156	5·142	5·151	5·147	5·149	5·176	5·171	5·166	5·158	5·174	5·134	5·194	8
9	5·104	5·087	5·069	5·048	5·086	5·146	5·183	5·216	5·249	5·309	5·324	5·357	5·366	5·372	5·389	5·408	5·423	5·431	5·464	5·479	5·508	5·518	5·544	5·580	5·319	9
10	5·603	5·630	5·643	5·671	5·677	5·693	5·705	5·731	5·756	5·765	5·771	5·768	5·761	5·766	5·745	5·735	5·717	5·700	5·680	5·674	5·697	5·661	5·646	5·643	5·702	10
11	5·643	5·626	5·601	5·564	5·590	5·587	5·573	5·588	5·583	5·596	5·585	5·598	5·586	5·577	5·593	5·594	5·600	5·604	5·606	5·606	5·601	5·596	5·590	5·573	5·594	11
12	5·560	5·545	5·526	5·502	5·477	5·469	5·460	5·455	5·469	5·465	5·474	5·465	5·462	5·479	5·488	5·503	5·512	5·533	5·549	5·570	5·579	5·598	5·617	5·631	5·516	12
13	5·645	5·666	5·682	5·694	5·709	5·725	5·743	5·767	5·785	5·811	5·820	5·820	5·823	5·823	5·842	5·856	5·855	5·867	5·890	5·896	5·914	5·917	5·923	5·924	5·808	13
14	5·924	5·923	5·928	5·922	5·916	5·910	5·916	5·917	5·917	5·909	5·907	5·897	5·877	5·872	5·858	5·851	5·834	5·832	5·831	5·829	5·820	5·811	5·798	5·778	5·874	14
15	5·779	5·765	5·763	5·761	5·763	5·760	5·766	5·767	5·753	5·752	5·748	5·742	5·735	5·729	5·731	5·727	5·719	5·716	5·722	5·722	5·719	5·708	5·707	5·699	5·740	15
16	5·695	5·691	5·693	5·684	5·680	5·676	5·675	5·684	5·686	5·684	5·679	5·675	5·673	5·666	5·666	5·666	5·660	5·663	5·659	5·661	5·660	5·668	5·669	5·674	5·674	16
17	5·671	5·670	5·670	5·682	5·681	5·698	5·694	5·717	5·733	5·744	5·752	5·757	5·758	5·759	5·758	5·769	5·773	5·793	5·808	5·817	5·815	5·820	5·821	5·827	5·749	17
18	5·825	5·828	5·827	5·826	5·821	5·824	5·834	5·850	5·854	5·862	5·883	5·870	5·881	5·890	5·888	5·911	5·928	5·935	5·930	5·943	5·944	5·960	5·959	5·946	5·884	18
19	5·959	5·953	5·955	5·950	5·947	5·949	5·945	5·948	5·957	5·960	5·959	5·937	5·918	5·909	5·902	5·887	5·855	5·864	5·850	5·826	5·834	5·818	5·792	5·770	5·902	19
20	5·742	5·719	5·685	5·639	5·601	5·575	5·556	5·534	5·522	5·494	5·510	5·444	5·465	5·464	5·467	5·451	5·460	5·451	5·455	5·459	5·440	5·457	5·435	5·472	5·521	20
21	5·500	5·487	5·487	5·517	5·526	5·531	5·523	5·552	5·567	5·556	5·562	5·567	5·591	5·589	5·587	5·589	5·608	5·605	5·607	5·612	5·618	5·611	5·607	5·604	5·567	21
22	5·599	5·591	5·587	5·575	5·559	5·554	5·548	5·551	5·563	5·568	5·565	5·563	5·550	5·550	5·549	5·556	5·556	5·559	5·554	5·557	5·554	5·556	5·549	5·549	5·561	22
23	5·537	5·525	5·521	5·515	5·508	5·501	5·508	5·502	5·510	5·501	5·493	5·488	5·480	5·475	5·466	5·451	5·447	5·450	5·457	5·455	5·457	5·458	5·456	5·459	5·484	23
24	5·461	5·461	5·461	5·466	5·466	5·474	5·483	5·500	5·516	5·522	5·524	5·517	5·512	5·515	5·515	5·516	5·525	5·521	5·529	5·530	5·529	5·523	5·531	5·527	5·505	24
25	5·524	5·528	5·528	5·529	5·528	5·530	5·536	5·538	5·542	5·558	5·560	5·566	5·570	5·569	5·572	5·573	5·560	5·572	5·580	5·585	5·579	5·576	5·569	5·556	5·555	25
26	5·558	5·564	5·555	5·542	5·528	5·528	5·549	5·549	5·553	5·551	5·554	5·540	5·527	5·528	5·521	5·529	5·519	5·508	5·494	5·464	5·468	5·441	5·427	5·415	5·517	26
27	5·380	5·349	5·300	5·302	5·283	5·279	5·251	5·219	5·190	5·147	5·135	5·100	5·103	5·085	5·102	5·100	5·055	5·044	5·028	5·023	5·020	5·036	5·041	5·047	5·151	27
28	5·056	5·063	5·058	5·041	5·038	5·035	5·043	5·050	5·065	5·083	5·099	5·104	5·104	5·129	5·135	5·135	5·140	5·148	5·145	5·150	5·153	5·135	5·138	5·140	5·099	28
29	5·143	5·143	5·144	5·135	5·135	5·146	5·154	5·166	5·201	5·213	5·223	5·235	5·243	5·264	5·274	5·280	5·286	5·288	5·285	5·299	5·292	5·290	5·276	5·267	5·224	29
30	5·249	5·234	5·216	5·200	5·173	5·162	5·151	5·155	5·155	5·158	5·155	5·151	5·146	5·149	5·159	5·176	5·186	5·196	5·207	5·220	5·233	5·233	5·236	5·239	5·189	30
31																										31
MEANS.	5·438	5·430	5·421	5·413	5·407	5·409	5·410	5·419	5·425	5·427	5·434	5·428	5·428	5·429	5·433	5·438	5·439	5·442	5·445	5·446	5·450	5·447	5·445	5·440	5·431	MEANS.

DECEMBER 1884.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·244	5·262	5·259	5·252	5·247	5·247	5·243	5·258	5·251	5·248	5·240	5·212	5·200	5·200	5·183	5·174	5·166	5·156	5·148	5·138	5·119	5·090	5·059	5·042	5·193	1
2	5·006	4·967	4·924	4·888	4·876	5·851	4·807	5·774	4·790	4·767	4·794	4·805	4·801	4·809	4·813	4·818	4·833	4·834	4·841	4·830	4·832	4·802	4·778	4·751	4·833	2
3	4·701	4·640	4·592	4·540	4·512	4·489	4·467	4·463	4·465	4·472	4·476	4·458	4·475	4·510	4·526	4·544	4·563	4·557	4·585	4·587	4·609	4·616	4·621	4·627	4·546	3
4	4·616	4·615	4·591	4·581	4·571	4·551	4·552	4·560	4·574	4·587	4·600	4·613	4·627	4·637	4·666	4·680	4·690	4·686	4·685	4·696	4·701	4·699	4·722	4·734	4·635	4
5	4·736	4·741	4·728	4·688	4·693	4·740	4·807	4·866	4·926	4·968	4·978	4·993	4·979	4·985	4·959	4·936	4·881	4·827	4·790	4·772	4·733	4·730	4·721	4·730	4·829	5
6	4·734	4·701	4·704	4·676	4·686	4·683	4·699	4·686	4·667	4·699	4·676	4·663	4·638	4·651	4·660	4·645	4·660	4·638	4·665	4·655	4·666	4·706	4·705	4·713	4·678	6
7	4·740	4·725	4·720	4·712	4·750	4·771	4·765	4·737	4·740	4·720	4·706	4·712	4·704	4·712	4·711	4·711	4·697	4·672	4·678	4·674	4·651	4·643	4·634	4·628	4·705	7
8	4·610	4·612	4·604	4·604	4·645	4·668	4·692	4·703	4·740	4·765	4·792	4·793	4·812	4·815	4·833	4·839	4·859	4·870	4·904	4·907	4·932	4·945	4·956	4·957	4·786	8
9	4·960	4·980	4·978	4·983	4·973	4·969	4·985	4·990	4·996	4·996	5·011	5·013	5·007	5·021	5·044	5·064	5·090	5·112	5·125	5·134	5·142	5·150	5·151	5·150	5·043	9
10	5·138	5·119	5·093	5·070	5·042	4·991	4·971	4·939	4·898	4·833	4·776	4·720	4·699	4·711	4·704	4·724	4·673	4·684	4·678	4·654	4·623	4·599	4·611	4·599	4·815	10
11	4·603	4·592	4·612	4·629	4·641	4·644	4·660	4·652	4·657	4·656	4·685	4·706	4·721	4·769	4·817	4·854	4·922	4·971	4·990	5·041	5·098	5·142	5·163	5·216	4·810	11
12	5·239	5·253	5·258	5·269	5·270	5·280	5·270	5·246	5·216	5·183	5·170	5·158	5·152	5·141	5·141	5·140	5·134	5·154	5·142	5·157	5·145	5·150	5·164	5·156	5·191	12
13	5·145	5·148	5·156	5·162	5·152	5·142	5·138	5·116	5·139	5·139	5·184	5·181	5·195	5·224	5·249	5·250	5·245	5·237	5·220	5·210	5·166	5·100	5·059	5·023	5·166	13
14	4·994	4·976	4·946	4·910	4·853	4·801	4·798	4·791	4·769	4·700	4·747	4·737	4·731	4·752	4·731	4·749	4·733	4·736	4·754	4·754	4·765	4·750	4·759	4·769	4·792	14
15	4·776	4·761	4·773	4·774	4·790	4·807	4·794	4·782	4·765	4·791	4·802	4·783	4·799	4·804	4·804	4·810	4·814	4·825	4·823	4·850	4·868	4·887	4·894	4·924	4·812	15
16	4·927	4·935	4·949	4·947	4·944	4·941	4·932	4·920	4·934	4·940	4·950	4·939	4·938	4·946	4·926	4·918	4·911	4·892	4·878	4·861	4·861	4·843	4·835	4·820	4·912	16
17	4·805	4·803	4·802	4·792	4·791	4·788	4·789	4·793	4·810	4·823	4·830	4·841	4·855	4·880	4·912	4·938	4·959	5·006	5·014	5·015	5·046	5·054	5·066	5·062	4·895	17
18	5·049	5·040	5·004	4·954	4·885	4·837	4·823	4·810	4·816	4·784	4·742	4·720	4·689	4·663	4·644	4·632	4·617	4·625	4·619	4·608	4·617	4·609	4·604	4·586	4·749	18
19	4·557	4·554	4·547	4·538	4·534	4·511	4·496	4·487	4·462	4·458	4·435	4·437	4·439	4·485	4·521	4·557	4·567	4·552	4·549	4·536	4·509	4·477	4·456	4·437	4·504	19
20	4·437	4·459	4·486	4·511	4·533	4·568	4·607	4·641	4·691	4·733	4·785	4·837	4·876	4·931	4·964	5·034	5·083	5·134	5·173	5·188	5·220	5·240	5·278	5·296	4·863	20
21	5·331	5·361	5·401	5·408	5·430	5·450	5·476	5·502	5·534	5·549	5·571	5·581	5·582	5·601	5·616	5·632	5·647	5·658	5·671	5·685	5·688	5·695	5·696	5·700	5·561	21
22	5·700	5·697	5·695	5·694	5·685	5·686	5·687	5·692	5·687	5·680	5·659	5·652	5·632	5·615	5·604	5·603	5·595	5·594	5·592	5·579	5·568	5·542	5·537	5·520	5·633	22
23	5·506	5·495	5·488	5·477	5·472	5·449	5·448	5·454	5·447	5·451	5·456	5·450	5·439	5·444	5·447	5·450	5·444	5·458	5·469	5·482	5·488	5·500	5·510	5·501	5·468	23
24	5·497	5·507	5·505	5·501	5·497	5·502	5·488	5·499	5·505	5·512	5·511	5·486	5·475	5·481	5·479	5·487	5·489	5·477	5·508	5·505	5·515	5·488	5·518	5·518	5·498	24
25	5·522	5·525	5·517	5·517	5·517	5·528	5·537	5·530	5·538	5·543	5·547	5·537	5·527	5·537	5·531	5·541	5·547	5·546	5·541	5·544	5·559	5·553	5·556	5·542	5·537	25
26	5·532	5·529	5·529	5·532	5·521	5·526	5·523	5·525	5·526	5·529	5·532	5·503	5·503	5·506	5·509	5·508	5·512	5·500	5·508	5·512	5.518	5·525	5·505	5·511	5·518	26
27	5·513	5·512	5·508	5·514	5·505	5·511	5·520	5·518	5·520	5·527	5·522	5·508	5·493	5·501	5·499	5·503	5·496	5·492	5·483	5·489	5·474	5·472	5·472	5·464	5·501	27
28	5·455	5·452	5·440	5·446	5·440	5·431	5·424	5·426	5·425	5·414	5·406	5·397	5·380	5·375	5·361	5·350	5·333	5·324	5·318	5·317	5·310	5·305	5·309	5·293	5·380	28
29	5·282	5·272	5·258	5·239	5·227	5·205	5·184	5·186	5·171	5·168	5·164	5·163	5·143	5·152	5·156	5·153	5·156	5·153	5·154	5·159	5·163	5·175	5·181	5·182	5·185	29
30	5·181	5·184	5·204	5·203	5·201	5·218	5·220	5·239	5·256	5·264	5·273	5·269	5·269	5·276	5·268	5·269	5·270	5·278	5·283	5·281	5·279	5·284	5·279	5·270	5·251	30
31	5·273	5·274	5·276	5·271	5·268	5·263	5·273	5·288	5·296	5·306	5·313	5·305	5·291	5·272	5·292	5·308	5·337	5·361	5·393	5·413	5·427	5·442	5·440	5·470	5·327	31
MEANS.	5·058	5·055	5·050	5·041	5·037	5·034	5·035	5·035	5·039	5·039	5·043	5·083	5·035	5·045	5·051	5·059	5·062	5·065	5·070	5·072	5·074	5·071	5·072	5·071	5·052	MEANS.

JANUARY 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·470	5·461	5·455	5·459	5·473	5·445	5·465	5·471	5·479	5·465	5·482	5·512	5·468	5·471	5·484	5·486	5·482	5·461	5·460	5·474	5·458	5·462	5·445	5·478	5·469	1
2	5·463	5·452	5·446	5·425	5·424	5·410	5·388	5·356	5·369	5·343	5·330	5·307	5·318	5·295	5·274	5·285	5·282	5·242	5·241	5·248	5·240	5·234	5·240	5·221	5·326	2
3	5·249	5·232	5·225	5·232	5·224	5·218	5·227	5·221	5·213	5·227	5·234	5·237	5·235	5·246	5·244	5·268	5·259	5·262	5·263	5·279	5·284	5·281	5·281	5·274	5·246	3
4	5·263	5·253	5·265	5·252	5·239	5·232	5·210	5·216	5·188	5·168	5·141	5·113	5·108	5·109	5·095	5·096	5·069	5·069	5·079	5·076	5·048	5·053	5·021	4·997	5·140	4
5	4·992	4·992	5·015	5·029	5·054	5·081	5·092	5·118	5·131	5·153	5·171	5·189	5·219	5·233	5·251	5·273	5·283	5·294	5·299	5·312	5·309	5·295	5·273	5·253	5·180	5
6	5·231	5·194	5·174	5·149	5·158	5·160	5·140	5·130	5·158	5·140	5·164	5·145	5·150	5·179	5·201	5·209	5·231	5·271	5·296	5·317	5·324	5·349	5·358	5·362	5·216	6
7	5·374	5·366	5·365	5·381	5·394	5·391	5·391	5·395	5·401	5·386	5·363	5·345	5·324	5·299	5·274	5·251	5·250	5·208	5·188	5·187	5·166	5·092	5·054	5·011	5·286	7
8	4·965	4·889	4·883	4·832	4·776	4·722	4·822	4·830	4·819	4·824	4·815	4·812	4·803	4·805	4·808	4·806	4·823	4·834	4·831	4·828	4·829	4·832	4·828	4·828	4·827	8
9	4·830	4·829	4·821	4·828	4·814	4·827	4·838	4·837	4·833	4·838	4·845	4·835	4·841	4·837	4·836	4·854	4·847	4·845	4·844	4·835	4·841	4·826	4·806	4·791	4·832	9
10	4·763	4·721	4·679	4·624	4·555	4·493	4·448	4·388	4·363	4·344	4·313	4·281	4·255	4·227	4·191	4·177	4·150	4·107	4·057	4·018	4·028	4·054	4·070	4·096	4·308	10
11	4·111	4·129	4·147	4·186	4·255	4·258	4·323	4·364	4·471	4·509	4·546	4·590	4·634	4·669	4·690	4·702	4·719	4·812	4·868	4·888	4·934	4·979	5·019	5·025	4·576	11
12	5·044	5·076	5·072	5·110	5·126	5·149	5·148	5·190	5·184	5·199	5·238	5·255	5·253	5·264	5·251	5·267	5·276	5·281	5·277	5·302	5·291	5·283	5·281	5·238	5·211	12
13	5·255	5·245	5·253	5·245	5·253	5·234	5·234	5·229	5·232	5·228	5·227	5·214	5·198	5·204	5·197	5·220	5·231	5·233	5·233	5·217	5·225	5·210	5·282	5·291	5·238	13
14	5·301	5·307	5·311	5·342	5·346	5·338	5·390	5·408	5·436	5·458	5·472	5·486	5·488	5·509	5·523	5·532	5·546	5·565	5·585	5·598	5·606	5·620	5·630	5·627	5·476	14
15	5·632	5·635	5·631	5·624	5·629	5·633	5·642	5·647	5·640	5·648	5·649	5·642	5·633	5·619	5·628	5·631	5·639	5·636	5·646	5·654	5·673	5·676	5·685	5·686	5·644	15
16	5·696	5·691	5·696	5·691	5·690	5·695	5·701	5·717	5·721	5·734	5·746	5·747	5·718	5·724	5·714	5·711	5·716	5·724	5·718	5·727	5·725	5·714	5·698	5·697	5·713	16
17	5·678	5·667	5·643	5·642	5·601	5·601	5·599	5·596	5·586	5·588	5·559	5·548	5·548	5·536	5·530	5·521	5·490	5·489	5·466	5·498	5·535	5·562	5·568	5·577	5·568	17
18	5·582	5·584	5·601	5·611	5·597	5·574	5·584	5·576	5·573	5·583	5·586	5·546	5·544	5·529	5·528	5·566	5·577	5·582	5·573	5·579	5·532	5·542	5·534	5·589	5·568	18
19	5·542	5·538	5·535	5·536	5·521	5·524	5·520	5·510	5·510	5·514	5·511	5·503	5·497	5·489	5·491	5·496	5·489	5·482	5·480	5·484	5·481	5·477	5·473	5·457	5·502	19
20	5·442	5·438	5·423	5·417	5·400	5·396	5·392	5·391	5·389	5·383	5·383	5·375	5·369	5·369	5·368	5·374	5·380	5·385	5·387	5·392	5·389	5·391	5·385	5·382	5·392	20
21	5·377	5·372	5·366	5·359	5·348	5·338	5·334	5·332	5·339	5·341	5·336	5·827	5·306	5·290	5·277	5·269	5·249	5·240	5·240	5·236	5·217	5·217	5·208	5·215	5·297	21
22	5·213	5·224	5·232	5·227	5·243	5·235	5·250	5·261	5·271	5·282	5·289	5·285	5·285	5·274	5·289	5·278	5·262	5·274	5·283	5·298	5·299	5·313	5·316	5·320	5·271	22
23	5·317	5·335	5·332	5·339	5·343	5·352	5·352	5·356	5·361	5·366	5·380	5·377	5·370	5·373	5·378	5·370	5·377	5·372	5·380	5·395	5·397	5·404	5·404	5·397	5·368	23
24	5·394	5·380	5·374	5·349	5·361	5·367	5·358	5·376	5·376	5·378	5·379	5·395	5·377	5·378	5·378	5·403	5·412	5·412	5·410	5·405	5·411	5·411	5·425	5·426	5·389	24
25	5·419	5·410	5·393	5·379	5·369	5·356	5·345	5·327	5·316	5·287	5·272	5·277	5·265	5·275	5·255	5·241	5·241	5·230	5·215	5·226	5·204	5·192	5·181	5·186	5·286	25
26	5·200	5·171	5·180	5·175	5·158	5·155	5·165	5·167	5·170	5·169	5·172	5·168	5·166	5·147	5·151	5·150	5·145	5·145	5·155	5·156	5·157	5·160	5·165	5·154	5·163	26
27	5·148	5·131	5·118	5·097	5·084	5·070	5·064	5·055	5·048	5·053	5·049	5·041	5·031	5·028	5·032	5·044	5·051	5·064	5·072	5·088	5·096	5·104	5·113	5·117	5·075	27
28	5·113	5·098	5·087	5·057	5·006	4·980	4·895	4·819	4·773	4·701	4·651	4·665	4·614	4·617	4·645	4·664	4·676	4·676	4·685	4·710	4·697	4·692	4·700	4·702	4·788	28
29	4·695	4·692	4·697	4·694	4·689	4·689	4·698	4·697	4·702	4·686	4·677	4·672	4·647	4·655	4·669	4·677	4·683	4·696	4·691	4·683	4·690	4·678	4·679	4·649	4·683	29
30	4·632	4·616	4·610	4·567	4·559	4·524	4·511	4·503	4·482	4·486	4·479	4·455	4·456	4·443	4·412	4·432	4·444	4·439	4·440	4·434	4·424	4·417	4·397	4·361	4·480	30
31	4·354	4·358	4·342	4·318	4·316	4·305	4·286	4·279	4·259	4·230	4·223	4·198	4·133	4·082	4·061	3·991	4·008	3·986	3·970	3·993	4·003	4·012	4·040	4·057	4·159	31
MEANS.	5·185	5·177	5·173	5·167	5·161	5·153	5·155	5·154	5·155	5·152	5·151	5·147	5·137	5·135	5·133	5·137	5·138	5·139	5·140	5·146	5·146	5·146	5·147	5·142	5·151	MEANS.

FEBRUARY 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·084	4·096	4·126	4·158	4·185	4·204	4·229	4·249	4·262	4·273	4·295	4·311	4·336	4·358	4·371	4·380	4·403	4·425	4·424	4·454	4·479	4·492	4·496	4·505	4·316	1
2	4·492	4·495	4·497	4·492	4·484	4·464	4·448	4·464	4·456	4·446	4·414	4·386	4·314	4·296	4·272	4·254	4·246	4·264	4·271	4·281	4·297	4·290	4·295	4·298	4·372	2
3	4·297	4·302	4·306	4·316	4·326	4·337	4·366	4·390	4·421	4·448	4·479	4·513	4·539	4·553	4·568	4·581	4·590	4·617	4·633	4·655	4·655	4·650	4·667	4·681	4·495	3
4	4·683	4·680	4·678	4·691	4·689	4·693	4·690	4·696	4·693	4·695	4·682	4·675	4·659	4·640	4·629	4·626	4·637	4·619	4·618	4·610	4·597	4·596	4·575	4·578	4·651	4
5	4·584	4·577	4·571	4·571	4·564	4·565	4·561	4·556	4·552	4·555	4·566	4·575	4·585	4·604	4·624	4·647	4·671	4·692	4·722	4·755	4·778	4·799	4·823	4·834	4·639	5
6	4·858	4·870	4·860	4·865	4·865	4·841	4·832	4·799	4·779	4·738	4·716	4·717	4·674	4·678	4·656	4·664	4·643	4·580	4·536	4·494	4·483	4·472	4·459	4·473	4·690	6
7	4·473	4·473	4·501	4·532	4·552	4·567	4·591	4·606	4·631	4·656	4·677	4·676	4·690	4·711	4·729	4·757	4·763	4·777	4·817	4·848	4·863	4·877	4·890	4·896	4·690	7
8	4·874	4·879	4·857	4·774	4·762	4·686	4·655	4·629	4·593	4·556	4·554	4·551	4·523	4·501	4·566	4·591	4·602	4·622	4·632	4·643	4·654	4·648	4·659	4·660	4·653	8
9	4·685	4·686	4·705	4·699	4·708	4·708	4·710	4·712	4·715	4·724	4·739	4·763	4·784	4·819	4·834	4·830	4·861	4·899	4·918	4·932	4·935	4·964	4·996	5·009	4·806	9
10	5·021	5·042	5·065	5·081	5·098	5·116	5·133	5·150	5·164	5·173	5·161	5·162	5·148	5·091	5·084	5·053	5·005	5·030	4·995	4·959	4·939	4·948	4·916	4·907	5·060	10
11	4·899	4·899	4·892	4·903	4·953	4·996	5·022	5·068	5·103	5·126	5·184	5·188	5·203	5·227	5·219	5·220	5·210	5·210	5·205	5·182	5·164	5·176	5·172	5·192	5·109	11
12	5·175	5·177	5·173	5·159	5·130	5·133	5·134	5·125	5·111	5·108	5·111	5·109	5·117	5·123	5·138	5·149	5·149	5·165	5·176	5·194	5·196	5·207	5·206	5·211	5·153	12
13	5·208	5·211	5·201	5·181	5·165	5·133	5·127	5·101	5·069	5·050	5·011	5·003	4·981	4·962	4·935	4·928	4·912	4·894	4·899	4·899	4·899	4·915	4·930	4·940	5·023	13
14	4·953	4·974	4·984	4·993	4·998	5·007	5·024	5·039	5·051	5·056	5·074	5·082	5·075	5·083	5·074	5·073	5·066	5·071	5·067	5·064	5·057	5·046	5·043	5·033	5·041	14
15	5·022	4·999	4·981	4·955	4·938	4·919	4·912	4·902	4·897	4·884	4·879	4·877	4·861	4·853	4·845	4·833	4·818	4·812	4·814	4·806	4·807	4·804	4·801	4·799	4·876	15
16	4·800	4·800	4·794	4·777	4·776	4·772	4·781	4·795	4·808	4·816	4·821	4·818	4·805	4·792	4·788	4·784	4·780	4·785	4·785	4·784	4·785	4·783	4·784	4·787	4·792	16
17	4·791	4·794	4·793	4·793	4·797	4·796	4·798	4·809	4·813	4·818	4·825	4·833	4·826	4·823	4·812	4·807	4·794	4·790	4·794	4·789	4·784	4·782	4·785	4·788	4·801	17
18	4·789	4·792	4·790	4·789	4·795	4·797	4·806	4·815	4·822	4·832	4·844	4·856	4·862	4·876	4·886	4·906	4·919	4·937	4·950	4·973	4·991	5·000	5·003	5·008	4·877	18
19	5·023	5·026	5·036	5·027	5·027	5·037	5·027	5·036	5·039	5·051	5·071	5·080	5·097	5·109	5·119	5·127	5·137	5·156	5·166	5·177	5·176	5·185	5·183	5·182	5·096	19
20	5·186	5·179	5·179	5·166	5·156	5·156	5·159	5·162	5·173	5·183	5·188	5·188	5·194	5·202	5·205	5·212	5·210	5·206	5·229	5·215	5·197	5·224	5·227	5·226	5·192	20
21	5·226	5·223	5·217	5·190	5·187	5·170	5·186	5·175	5·121	5·099	5·034	4·986	4·950	4·900	4·785	4·776	4·766	4·718	4·651	4·653	4·659	4·662	4·595	4·591	4·934	21
22	4·599	4·536	4·506	4·458	4·481	4·452	4·474	4·493	4·482	4·545	4·577	4·633	4·657	4·666	4·703	4·708	4·760	4·763	4·792	4·810	4·841	4·866	4·904	4·925	4·651	22
23	4·949	4·980	4·972	4·971	4·955	4·932	4·910	4·881	4·845	4·820	4·862	4·892	4·916	4·947	4·941	4·962	4·966	4·967	4·965	4·959	4·925	4·894	4·840	4·853	4·921	23
24	4·839	4·843	4·845	4·826	4·820	4·845	4·847	4·845	4·830	4·849	4·849	4·850	4·833	4·822	4·817	4·799	4·786	4·807	4·803	4·807	4·800	4·789	4·786	4·797	4·822	24
25	4·813	4·872	4·896	4·941	4·961	5·006	5·035	5·060	5·085	5·112	5·137	5·146	5·149	5·161	5·173	5·180	5·195	5·213	5·214	5·223	5·220	5·219	5·214	5·203	5·101	25
26	5·205	5·170	5·125	5·102	5·043	4·952	4·880	4·839	4·894	4·900	4·899	4·924	4·918	4·927	4·931	4·955	4·953	4·925	4·919	4·928	4·959	4·960	4·948	4·935	4·966	26
27	4·911	4·913	4·930	4·932	4·938	4·933	4·941	4·950	4·962	4·971	4·969	4·974	4·978	4·983	4·982	4·986	4·990	5·002	5·014	5·017	5·023	5·034	5·045	5·057	4·976	27
28	5·069	5·098	5·120	5·144	5·156	5·189	5 199	5·236	5·259	5·291	5·323	5·350	5·359	5·369	5·383	5·401	5·416	5·436	5·442	5·466	5·470	5·482	5·489	5·496	5·318	28
29																										29
30																										30
31																										31
MEANS.	4·840	4·842	4·843	4·839	4·840	4·836	4·838	4·842	4·844	4·849	4·855	4·861	4·858	4·860	4·860	4·864	4·866	4·871	4·873	4·878	4·880	4·884	4·883	4·888	4·858	MEANS.

MARCH 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·513	5·505	5·491	5·502	5·507	5·509	5·518	5·529	5·523	5·524	5·513	5·498	5·487	5·492	5·480	5·471	5·468	5·468	5·464	5·451	5·442	5·441	5·417	5·404	5·484	1
2	5·382	5·369	5·339	5·329	5·302	5·297	5·292	5·303	5·296	5·291	5·290	5·270	5·263	5·250	5·221	5·216	5·201	5·195	5·186	5·178	5·165	5·145	5·097	5·109	5·249	2
3	5·058	5·080	5·072	5·051	5·023	5·013	5·003	4·986	4·972	4·959	4·930	4·936	4·916	4·873	4·873	4·833	4·815	4·819	4·819	4·769	4·768	4·784	4·803	4·795	4·916	3
4	4·804	4·801	4·800	4·799	4·812	4·833	4·871	4·893	4·910	4·933	4·946	4·966	4·991	4·993	5·003	5·007	5·015	5·030	5·034	5·046	5·052	5·050	5·036	5·040	4·944	4
5	5·019	5·010	5·006	5·006	5·013	5·023	5·037	5·021	5·021	5·012	5·016	5·005	4·994	4·979	4·966	4·955	4·956	4·939	4·942	4·953	4·952	4·951	4·951	4·941	4·986	5
6	4·922	4·923	4·924	4·941	4·904	4·944	4·981	5·006	5·048	5·056	5·089	5·080	5·116	5·142	5·157	5·167	5·176	5·186	5·212	5·221	5·234	5·239	5·242	5·247	5·090	6
7	5·248	5·250	5·244	5·243	5·236	5·237	5·235	5·233	5·243	5·242	5·234	5·236	5·235	5·228	5·222	5·225	5·217	5·225	5·227	5·219	5·221	5·220	5·218	5·212	5·231	7
8	5·211	5·202	5·199	5·194	5·197	5·194	5·209	5·211	5·232	5·242	5·255	5·263	5·262	5·265	5·273	5·286	5·297	5·316	5·334	5·338	5·364	5·387	5·397	5·407	5·272	8
9	5·419	5·418	5·424	5·458	5·445	5·457	5·472	5·490	5·488	5·501	5·513	5·536	5·546	5·547	5·550	5·553	5·559	5·567	5·573	5·584	5·598	5·620	5·629	5·641	5·524	9
10	5·652	5·657	5·662	5·665	5·677	5·686	5·691	5·698	5·713	5·726	5·730	5·739	5·737	5·736	5·741	5·746	5·745	5·747	5·752	5·773	5·770	5·770	5·770	5·772	5·723	10
11	5·769	5·761	5·756	5·767	5·769	5·780	5·787	5·782	5·801	5·805	5·801	5·810	5·822	5·832	5·828	5·820	5·818	5·827	5·829	5·840	5·838	5·839	5·835	5·836	5·806	11
12	5·835	5·837	5·832	5·832	5·848	5·853	5·853	5·859	5·868	5·881	5·893	5·896	5·896	5·897	5·898	5·903	5·903	5·909	5·920	5·924	5·925	5·928	5·927	5·931	5·885	12
13	5·932	5·931	5·922	5·919	5·922	5·928	5·928	5·933	5·940	5·942	5·943	5·944	5·946	5·937	5·936	5·926	5·927	5·933	5·939	5·940	5·940	5·942	5·945	5·943	5·935	13
14	5·943	5·940	5·929	5·926	5·930	5·931	5·926	5·927	5·928	5·923	5·919	5·920	5·916	5·910	5·901	5·891	5·880	5·880	5·882	5·877	5·865	5·848	5·839	5·823	5·902	14
15	5·806	5·791	5·770	5·751	5·730	5·718	5·714	5·720	5·718	5·704	5·698	5·691	5·685	5·666	5·659	5·651	5·634	5·635	5·624	5·612	5·589	5·574	5·555	5·541	5·676	15
16	5·544	5·550	5·554	5·559	5·545	5·542	5·548	5·553	5·555	5·563	5·569	5·564	5·551	5·572	5·566	5·549	5·530	5·512	5·484	5·478	5·460	5·433	5·405	5·362	5·523	16
17	5·334	5·303	5·246	5·232	5·186	5·134	5·065	5·080	5·053	5·028	5·009	4·977	4·951	4·929	4·890	4·881	4·883	4·873	4·884	4·892	4·891	4·883	4·878	4·858	5·014	17
18	4·873	4·854	4·865	4·890	4·911	4·959	4·980	5·005	5·022	5·054	5·080	5·120	5·136	5·164	5·178	5·216	5·241	5·273	5·313	5·336	5·334	5·344	5·343	5·351	5·119	18
19	5·346	5·336	5·343	5·341	5·333	5·333	5·327	5·338	5·333	5·327	5·324	5·314	5·295	5·281	5·279	5·241	5·221	5·212	5·211	5·215	5·195	5·169	5·157	5·151	5·276	19
20	5·128	5·115	5·079	5·048	5·031	4·995	5·006	4·957	4·938	4·933	4·903	4·872	4·913	4·917	4·916	4·917	4·908	4·935	4·919	4·943	4·955	4·984	4·971	4·973	4·969	20
21	4·993	4·996	5·017	5·003	5·022	5·030	5·016	5·025	5·036	5·068	5·082	5·112	5·117	5·115	5·123	5·137	5·141	5·155	5·161	5·153	5·159	5·187	5·200	5·204	5·094	21
22	5·218	5·228	5·242	5·257	5·277	5·311	5·328	5·347	5·373	5·398	5·422	5·440	5·458	5·476	5·485	5·495	5·513	5·531	5·546	5·563	5·574	5·594	5·597	5·598	5·428	22
23	5·607	5·600	5·599	5·609	5·603	5·607	5·611	5·605	5·607	5·605	5·600	5·598	5·584	5·571	5·545	5·537	5·515	5·507	5·504	5·493	5·482	5·464	5·443	5·425	5·555	23
24	5·411	5·387	5·368	5·344	5·338	5·338	5·331	5·317	5·309	5·297	5·293	5·314	5·328	5·356	5·381	5·403	5·425	5·456	5·478	5·498	5·501	5·517	5·519	5·512	5·393	24
25	5·503	5·496	5·487	5·476	5·465	5·445	5·431	5·421	5·399	5·378	5·330	5·324	5·334	5·282	5·283	5·263	5·252	5·279	5·288	5·316	5·321	5·310	5·315	5·307	5·363	25
26	5·298	5·289	5·272	5·256	5·242	5·225	5·186	5·129	5·088	5·049	4·995	4·952	4·891	4·859	4·827	4·789	4·756	4·717	4·706	4·690	4·660	4·686	4·681	4·707	4·956	26
27	4·723	4·749	4·802	4·884	4·934	4·984	4·993	5·034	5·084	5·121	5·154	5·183	5·233	5·272	5·292	5·328	5·355	5·390	5·423	5·446	5·478	5·490	5·515	5·526	5·183	27
28	5·537	5·541	5·551	5·552	5·552	5·551	5·545	5·541	5·538	5·521	5·506	5·492	5·472	5·452	5·423	5·392	5·361	5·325	5·284	5·252	5·211	5·151	5·106	5·115	5·415	28
29	5·081	5·080	5·031	5·036	5·053	5·065	5·098	5·120	5·126	5·136	5·155	5·176	5·187	5·206	5·229	5·247	5·268	5·299	5·332	5·360	5·387	5·415	5·436	5·453	5·207	29
30	5·468	5·484	5·495	5·517	5·540	5·555	5·569	5·592	5·616	5·642	5·659	5·672	5·666	5·667	5·669	5·677	5·681	5·684	5·673	5·677	5·672	5·655	5·643	5·625	5·617	30
31	5·617	5·607	5·584	5·550	5·529	5·512	5·468	5·449	5·426	5·368	5·338	5·291	5·272	5·229	5·231	5·212	5·189	5·148	5·127	5·112	5·081	5·055	5·043	5·043	5·312	31
MEANS.	5·361	5·358	5·352	5·353	5·351	5·354	5·355	5·358	5·361	5·362	5·361	5·361	5·361	5·358	5·356	5·353	5·350	5·354	5·357	5·360	5·358	5·357	5·352	5·350	5·356	MEANS.

APRIL 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·023	5·018	5·011	5·021	5·025	5·044	5·051	5·064	5·070	5·081	5·090	5·094	5·097	5·099	5·073	5·076	5·076	5·093	5·085	5·075	5·087	5·067	5·071	5·085	5·066	1
2	5·075	5·085	5·087	5·111	5·116	5·136	5·167	5·191	5·207	5·244	5·271	5·301	5·315	5·336	5·349	5·363	5·387	5·400	5·412	5·430	5·433	5·452	5·442	5·458	5·282	2
3	5·463	5·466	5·473	5·480	5·480	5·484	5·492	5·497	5·505	5·505	5·506	5·501	5·510	5·495	5·493	5·483	5·463	5·469	5·461	5·457	5·444	5·436	5·430	5·416	5·476	3
4	5·399	5·387	5·376	5·359	5·343	5·334	5·335	5·334	5·323	5·314	5·309	5·317	5·308	5·281	5·274	5·269	5·261	5·256	5·248	5·241	5·225	5·212	5·185	5·198	5·295	4
5	5·159	5·146	5·128	5·098	5·077	5·066	5·033	5·017	5·003	5·005	4·991	4·983	4·948	4·914	4·912	4·882	4·825	4·792	4·754	4·765	4·732	4·725	4·713	4·723	4·933	5
6	4·690	4·666	4·689	4·701	4·695	4·719	4·716	4·737	4·766	4·752	4·761	4·767	4·762	4·774	4·798	4·815	4·827	4·842	4·885	4·931	4·947	4·947	4·974	4·985	4·798	6
7	5·019	5·016	5·033	5·035	5·018	5·037	5·079	5·124	5·143	5·153	5·177	5·181	5·201	5·211	5·227	5·232	5·230	5·248	5·258	5·264	5·266	5·263	5·257	5·252	5·164	7
8	5·252	5·260	5·249	5·244	5·244	5·249	5·248	5·258	5·259	5·263	5·263	5·260	5·258	5·262	5·257	5·257	5·250	5·255	5·254	5·249	5·260	5·248	5·248	5·241	5·254	8
9	5·220	5·222	5·214	5·214	5·210	5·201	5·200	5·202	5·197	5·186	5·190	5·196	5·190	5·183	5·174	5·164	5·149	5·153	5·151	5·134	5·118	5·141	5·141	5·155	5·179	9
10	5·141	5·133	5·130	5·128	5·137	5·145	5·143	5·153	5·165	5·177	5·184	5·198	5·200	5·210	5·205	5·206	5·223	5·229	5·229	5·231	5·234	5·234	5·226	5·199	5·186	10
11	5·203	5·204	5·209	5·196	5·196	5·212	5·239	5·258	5·262	5·254	5·274	5·284	5·303	5·311	5·311	5·315	5·336	5·343	5·352	5·354	5·365	5·364	5·364	5·362	5·286	11
12	5·365	5·357	5·355	5·350	5·355	5·356	5·363	5·369	5·374	5·375	5·370	5·374	5·375	5·374	5·369	5·366	5·367	5·366	5·369	5·372	5·374	5·374	5·374	5·374	5·367	12
13	5·374	5·372	5·372	5·369	5·371	5·375	5·380	5·387	5·393	5·396	5·400	5·400	5·399	5·400	5·401	5·395	5·392	5·394	5·398	5·398	5·399	5·392	5·393	5·391	5·389	13
14	5·378	5·371	5·365	5·358	5·353	5·350	5·349	5·347	5·352	5·343	5·347	5·342	5·342	5·343	5·339	5·341	5·333	5·334	5·334	5·340	5·339	5·339	5·337	5·331	5·346	14
15	5·335	5·317	5·309	5·310	5·301	5·302	5·308	5·310	5·311	5·308	5·304	5·311	5·306	5·302	5·293	5·288	5·287	5·287	5·289	5·293	5·295	5·293	5·295	5·299	5·302	15
16	5·299	5·301	5·301	5·300	5·310	5·324	5·332	5·349	5·365	5·371	5·392	5·404	5·420	5·428	5·430	5·440	5·447	5·461	5·465	5·481	5·489	5·494	5·489	5·490	5·399	16
17	5·504	5·496	5·498	5·485	5·481	5·476	5·483	5·487	5·486	5·496	5·492	5·496	5·496	5·503	5·497	5·506	5·496	5·491	5·493	5·501	5·508	5·505	5·506	5·504	5·495	17
18	5·508	5·509	5·509	5·511	5·520	5·530	5·536	5·544	5·567	5·581	5·596	5·589	5·599	5·603	5·607	5·622	5·628	5·630	5·625	5·641	5·641	5·639	5·638	5·634	5·584	18
19	5·621	5·597	5·592	5·605	5·586	5·588	5·577	5·579	5·561	5·560	5·569	5·572	5·565	5·558	5·548	5·534	5·503	5·492	5·464	5·444	5·422	5·386	5·370	5·367	5·528	19
20	5·413	5·411	5·400	5·402	5·380	5·414	5·425	5·434	5·443	5·450	5·437	5·431	5·425	5·392	5·353	5·299	5·301	5·312	5·312	5·313	5·309	5·313	5·314	5·314	5·375	20
21	5·298	5·289	5·275	5·246	5·229	5·236	5·251	5·245	5·245	5·239	5·230	5·238	5·243	5·243	5·237	5·223	5·216	5·205	5·207	5·217	5·214	5·212	5·206	5·197	5·235	21
22	5·188	5·175	5·162	5·144	5·134	5·130	5·123	5·121	5·112	5·105	5·101	5·097	5·094	5·081	5·074	5·069	5·054	5·042	5·042	5·042	5·039	5·037	5·031	5·023	5·092	22
23	5·020	5·016	5·016	5·010	5·010	5·020	5·022	5·023	5·033	5·037	5·044	5·046	5·049	5·052	5·054	5·052	5·043	5·033	5·038	5·044	5·043	5·041	5·031	5·027	5·034	23
24	5·009	4·994	4·971	4·944	4·934	4·910	4·896	4·853	4·822	4·818	4·810	4·794	4·707	4·708	4·714	4·738	4·705	4·718	4·704	4·718	4·709	4·685	4·636	4·610	4·799	24
25	4·590	4·569	4·548	4·540	4·515	4·513	4·455	4·471	4·506	4·498	4·513	4·518	4·483	4·519	4·498	4·501	4·514	4·521	4·539	4·540	4·554	4·579	4·615	4·635	4·531	25
26	4·661	4·671	4·679	4·699	4·713	4·736	4·758	4·779	4·801	4·813	4·838	4·854	4·878	4·892	4·906	4·916	4·920	4·924	4·930	4·938	4·937	4·940	4·944	4·949	4·836	26
27	4·950	4·946	4·953	4·949	4·952	4·960	4·980	4·996	5·008	5·029	5·044	5·046	5·059	5·091	5·085	5·102	5·103	5·105	5·100	5·101	5·092	5·070	5·050	5·039	5·034	27
28	5·016	5·004	4·980	4·988	4·950	4·953	4·942	4·962	4·956	4·948	4·923	4·889	4·904	4·881	4·908	4·852	4·870	4·883	4·918	4·885	4·911	4·934	4·956	4·982	4·933	28
29	4·995	4·995	4·998	4·993	4·993	5·010	5·025	5·052	5·059	5·081	5·095	5·100	5·122	5·138	5·147	5·155	5·168	5·176	5·192	5·204	5·216	5·223	5·232	5·238	5·109	29
30	5·244	5·248	5·252	5·247	5·241	5·253	5·262	5·265	5·265	5·271	5·270	5·268	5·265	5·261	5·244	5·227	5·221	5·211	5·200	5·197	5·185	5·152	5·138	5·121	5·230	30
31																										31
MEANS.	5·180	5·175	5·171	5·168	5·162	5·169	5·172	5·180	5·185	5·188	5·193	5·195	5·194	5·195	5·193	5·189	5·187	5·189	5·190	5·193	5·193	5·190	5·187	5·187	5·185	MEANS.

MAY 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·112	5·122	5·096	5·082	5·065	5·061	5·050	5·055	5·044	5·024	5·015	5·016	4·999	4·982	4·957	4·935	4·913	4·918	4·934	4·948	4·962	4·968	4·974	4·986	5·009	1
2	4·981	4·983	5·004	4·998	4·981	4·970	4·983	4·993	5·001	5·009	5·038	5·065	5·083	5·095	5·105	5·081	5·111	5·134	5·152	5·169	5·180	5·201	5·222	5·217	5·073	2
3	5·224	5·224	5·226	5·226	5·234	5·242	5·262	5·279	5·267	5·241	5·268	5·284	5·297	5·316	5·290	5·314	5·297	5·303	5·306	5·314	5·312	5·316	5·300	5·294	5·276	3
4	5·283	5·277	5·261	5·259	5·248	5·239	5·226	5·222	5·222	5·214	5·207	5·206	5·201	5·197	5·193	5·184	5·181	5·174	5·176	5·184	5·180	5·174	5·163	5·150	5·209	4
5	5·129	5·129	5·100	5·090	5·079	5·077	5·068	5·069	5·058	5·054	5·059	5·045	5·045	5·030	5·024	5·021	5·008	5·004	5·001	4·999	4·992	4·998	4·988	4·969	5·043	5
6	4·970	4·964	4·960	4·950	4·939	4·937	4·942	4·935	4·949	4·937	4·949	4·947	4·949	4·950	4·951	4·962	4·954	4·953	4·957	4·966	4·985	4·984	4·978	4·978	4·956	6
7	4·980	4·980	4·979	4·980	4·986	4·997	5·006	5·022	5·031	5·037	5·047	5·057	5·054	5·062	5·072	5·074	5·080	5·092	5·099	5·104	5·114	5·116	5·120	5·122	5·050	7
8	5·120	5·114	5·114	5·110	5·108	5·116	5·118	5·121	5·128	5·133	5·132	5·131	5·135	5·129	5·124	5·122	5·114	5·106	5·097	5·082	5·065	5·046	5·045	5·037	5·106	8
9	5·018	5·009	5·013	5·016	5·025	5·041	5·050	5·054	5·069	5·073	5·065	5·056	5·050	5·029	4·992	4·974	4·955	4·952	4·935	4·928	4·929	4·933	4·904	4·992	5·003	9
10	5·007	5·013	5·029	5·038	5·045	5·058	5·072	5·084	5·102	5·119	5·141	5·160	5·170	5·202	5·205	5·218	5·226	5·229	5·236	5·274	5·278	5·287	5·303	5·332	5·160	10
11	5·347	5·361	5·379	5·387	5·391	5·414	5·432	5·444	5·456	5·461	5·474	5·481	5·483	5·496	5·504	5·511	5·511	5·515	5·519	5·529	5·535	5·535	5·536	5·529	5·468	11
12	5·524	5·517	5·509	5·499	5·478	5·474	5·464	5·459	5·456	5·448	5·439	5·425	5·418	5·410	5·401	5·378	5·360	5·339	5·328	5·323	5·320	5·308	5·296	5·285	5·411	12
13	5·275	5·270	5·262	5·259	5·262	5·276	5·287	5·302	5·315	5·328	5·337	5·344	5·346	5·351	5·351	5·346	5·343	5·339	5·341	5·335	5·340	5·336	5·324	5·312	5·316	13
14	5·296	5·282	5·266	5·249	5·232	5·221	5·220	5·225	5·230	5·232	5·240	5·247	5·251	5·260	5·269	5·282	5·284	5·293	5·295	5·303	5·306	5·310	5·308	5·301	5·267	14
15	5·289	5·276	5·256	5·249	5·241	5·234	5·229	5·223	5·216	5·211	5·202	5·199	5·180	5·175	5·167	5·145	5·132	5·110	5·095	5·075	5·039	5·020	5·011	5·005	5·166	15
16	5·001	4·995	4·987	5·000	5·006	5·017	5·037	5·054	5·069	5·079	5·085	5·097	5·100	5·104	5·112	5·113	5·110	5·112	5·117	5·143	5·166	5·156	5·166	5·173	5·083	16
17	5·184	5·186	5·190	5·206	5·222	5·235	5·275	5·300	5·297	5·323	5·334	5·351	5·353	5·355	5·363	5·366	5·360	5·350	5·359	5·354	5·337	5·360	5·348	5·361	5·307	17
18	5·360	5·335	5·362	5·362	5·362	5·356	5·363	5·364	5·371	5·382	5·380	5·385	5·387	5·393	5·385	5·385	5·378	5·375	5·375	5·372	5·373	5·356	5·359	5·355	5·370	18
19	5·344	5·333	5·322	5·312	5·302	5·297	5·293	5·281	5·277	5·273	5·265	5·264	5·258	5·250	5·245	5·229	5·207	5·186	5·172	5·159	5·150	5·128	5·109	5·087	5·239	19
20	5·054	5·033	5·017	4·978	4·944	4·913	4·904	4·896	4·873	4·879	4·880	4·887	4·855	4·849	4·842	4·838	4·816	4·797	4·815	4·786	4·802	4·793	4·783	4·785	4·876	20
21	4·766	4·756	4·734	4·718	4·708	4·703	4·696	4·699	4·692	4·698	4·688	4·690	4·683	4·689	4·693	4·684	4·677	4·681	4·678	4·682	4·687	4·689	4·672	4·678	4·698	21
22	4·678	4·676	4·673	4·677	4·678	4·683	4·695	4·704	4·713	4·727	4·739	4·758	4·772	4·790	4·803	4·813	4·823	4·837	4·848	4·860	4·874	4·890	4·895	4·897	4·771	22
23	4·900	4·897	4·901	4·902	4·911	4·924	4·931	4·946	4·956	4·967	4·988	5·002	5·011	5·033	5·046	5·054	5·064	5·076	5·096	5·111	5·127	5·142	5·151	5·159	5·012	23
24	5·160	5·168	5·177	5·183	5·197	5·222	5·232	5·252	5·266	5·283	5·294	5·303	5·311	5·326	5·329	5·332	5·333	5·334	5·332	5·340	5·341	5·346	5·342	5·342	5·281	24
25	5·335	5·324	5·319	5·312	5·309	5·307	5·303	5·304	5·305	5·303	5·306	5·299	5·297	5·299	5·299	5·296	5·290	5·284	5·284	5·282	5·281	5·277	5·274	5·272	5·298	25
26	5·270	5·264	5·262	5·265	5·264	5·269	5·274	5·276	5·280	5·285	5·287	5·298	5·297	5·303	5·297	5·286	5·291	5·284	5·279	5·283	5·285	5·278	5·275	5·266	5·280	26
27	5·259	5·243	5·238	5·230	5·214	5·220	5·216	5·215	5·215	5·219	5·216	5·217	5·216	5·217	5·217	5·217	5·200	5·197	5·187	5·184	5·186	5·170	5·153	5·154	5·208	27
28	5·150	5·147	5·109	5·080	5·057	5·078	5·087	5·070	5·084	5·073	5·063	5·057	5·060	5·054	5·032	5·037	5·037	5·028	5·021	5·020	5·047	5·043	5·056	5·047	5·064	28
29	5·055	5·050	5·056	5·063	5·053	5·060	5·068	5·075	5·055	5·062	5·063	5·062	5·062	5·059	5·047	5·040	5·034	5·056	5·066	5·076	5·097	5·117	5·122	5·117	5·067	29
30	5·114	5·114	5·109	5·100	5·094	5·104	5·122	5·135	5·158	5·148	5·165	5·184	5·194	5·206	5·210	5·214	5·218	5·212	5·224	5·235	5·239	5·230	5·246	5·236	5·175	30
31	5·240	5·249	5·235	5·231	5·245	5·280	5·291	5·299	5·319	5·329	5·368	5·396	5·409	5·423	5·430	5·444	5·445	5·452	5·462	5·472	5·488	5·512	5·527	5·537	5·378	31
MEANS.	5·143	5·138	5·134	5·129	5·125	5·130	5·135	5·141	5·144	5·147	5·153	5·158	5·159	5·163	5·160	5·158	5·153	5·152	5·154	5·158	5·162	5·162	5·160	5·160	5·149	MEANS.

JUNE 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·550	5·563	5·563	5·573	5·583	5·592	5·612	5·630	5·640	5·650	5·658	5·660	5·671	5·675	5·668	5·679	5·662	5·661	5·659	5·661	5·658	5·653	5·642	5·632	5·633	1
2	5·610	5·584	5·566	5·551	5·539	5·543	5·532	5·521	5·508	5·514	5·518	5·530	5·522	5·526	5·526	5·516	5·509	5·506	5·507	5·509	5·506	5·497	5·488	5·482	5·525	2
3	5·470	5·452	5·440	5·428	5·413	5·405	5·400	5·389	5·377	5·360	5·354	5·334	5·314	5·329	5·300	5·291	5·281	5·278	5·256	5·260	5·250	5·244	5·241	5·239	5·338	3
4	5·244	5·219	5·226	5·227	5·225	5·233	5·237	5·241	5·245	5·256	5·259	5·257	5·254	5·253	5·235	5·225	5·194	5·151	5·143	5·128	5·125	5·110	5·079	5·055	5·201	4
5	5·027	5·008	4·998	4·995	4·970	4·980	4·999	5·001	5·020	5·054	5·081	5·095	5·135	5·150	5·172	5·192	5·193	5·203	5·222	5·241	5·254	5·275	5·290	5·307	5·119	5
6	5·323	5·322	5·331	5·342	5·354	5·370	5·400	5·417	5·433	5·446	5·456	5·469	5·476	5·489	5·490	5·487	5·486	5·479	5·475	5·472	5·466	5·455	5·450	5·441	5·430	6
7	5·432	5·428	5·417	5·414	5·404	5·401	5·400	5·397	5·398	5·391	5·392	5·389	5·389	5·394	5·397	5·396	5·393	5·396	5·401	5·405	5·408	5·414	5·410	5·413	5·403	7
8	5·413	5·411	5·412	5·418	5·418	5·418	5·422	5·428	5·440	5·448	5·459	5·465	5·466	5·474	5·483	5·485	5·483	5·483	5·484	5·497	5·504	5·510	5·509	5·505	5·460	8
9	5·499	5·491	5·490	5·481	5·478	5·469	5·473	5·482	5·486	5·491	5·478	5·493	5·515	5·534	5·550	5·555	5·562	5·597	5·604	5·621	5·647	5·661	5·675	5·672	5·542	9
10	5·675	5·678	5·692	5·699	5·705	5·706	5·724	5·730	5·744	5·747	5·755	5·763	5·772	5·776	5·758	5·754	5·744	5·740	5·737	5·728	5·729	5·724	5·723	5·719	5·730	10
11	5·712	5·704	5·692	5·691	5·692	5·686	5·696	5·705	5·713	5·713	5·723	5·725	5·727	5·736	5·723	5·726	5·733	5·724	5·727	5·718	5·718	5·706	5·709	5·694	5·712	11
12	5·693	5·685	5·673	5·662	5·653	5·660	5·670	5·656	5·650	5·656	5·653	5·660	5·668	5·672	5·664	5·659	5·653	5·650	5·648	5·632	5·630	5·640	5·636	5·619	5·656	12
13	5·609	5·604	5·604	5·599	5·600	5·601	5·607	5·615	5·624	5·627	5·631	5·639	5·639	5·638	5·641	5·636	5·627	5·629	5·628	5·626	5·627	5·627	5·629	5·628	5·622	13
14	5·614	5·607	5·598	5·597	5·599	5·607	5·618	5·630	5·640	5·647	5·656	5·662	5·658	5·662	5·656	5·652	5·646	5·646	5·651	5·649	5·651	5·645	5·637	5·632	5·636	14
15	5·621	5·608	5·601	5·599	5·593	5·600	5·603	5·612	5·608	5·613	5·612	5·614	5·616	5·612	5·602	5·606	5·596	5·595	5·593	5·597	5·593	5·591	5·586	5·586	5·602	15
16	5·577	5·568	5·554	5·538	5·534	5·534	5·528	5·520	5·519	5·507	5·508	5·498	5·492	5·487	5·473	5·465	5·452	5·441	5·441	5·438	5·441	5·437	5·431	5·425	5·492	16
17	5·411	5·401	5·390	5·384	5·375	5·377	5·369	5·374	5·370	5·360	5·364	5·362	5·356	5·360	5·362	5·354	5·345	5·340	5·343	5·333	5·329	5·327	5·321	5·312	5·359	17
18	5·310	5·297	5·287	5·281	5·274	5·267	5·265	5·251	5·243	5·222	5·198	5·183	5·149	5·129	5·098	5·076	5·061	5·051	5·049	5·046	5·043	5·038	5·047	5·044	5·163	18
19	5·049	5·051	5·057	5·068	5·074	5·080	5·082	5·083	5·081	5·077	5·064	5·053	5·041	5·025	4·984	4·963	4·939	4·907	4·881	4·867	4·846	4·825	4·816	4·792	4·988	19
20	4·788	4·779	4·767	4·757	4·765	4·762	4·772	4·774	4·780	4·788	4·799	4·809	4·822	4·844	4·880	4·901	4·934	4·967	4·993	5·011	5·041	5·053	5·073	5·097	4·873	20
21	5·097	5·104	5·117	5·112	5·132	5·156	5·165	5·187	5·211	5·228	5·231	5·263	5·281	5·303	5·326	5·357	5·368	5·389	5·394	5·399	5·413	5·417	5·403	5·401	5·269	21
22	5·395	5·370	5·337	5·335	5·321	5·305	5·295	5·280	5·263	5·263	5·227	5·221	5·216	5·200	5·196	5·198	5·209	5·224	5·232	5·254	5·267	5·290	5·298	5·302	5·271	22
23	5·303	5·318	5·314	5·315	5·321	5·327	5·332	5·339	5·347	5·351	5·360	5·359	5·369	5·380	5·378	5·388	5·389	5·391	5·395	5·404	5·407	5·420	5·419	5·417	5·364	23
24	5·415	5·415	5·411	5·412	5·408	5·414	5·416	5·425	5·428	5·435	5·443	5·451	5·456	5·462	5·467	5·472	5·472	5·485	5·494	5·504	5·522	5·530	5·533	5·536	5·459	24
25	5·541	5·541	5·541	5·552	5·562	5·575	5·585	5·599	5·613	5·636	5·650	5·657	5·659	5·669	5·683	5·686	5·691	5·699	5·711	5·721	5·735	5·744	5·749	5·745	5·648	25
26	5·742	5·740	5·738	5·739	5·740	5·747	5·748	5·761	5·773	5·778	5·794	5·791	5·784	5·790	5·790	5·789	5·784	5·785	5·782	5·785	5·792	5·794	5·798	5·798	5·773	26
27	5·800	5·798	5·799	5·803	5·805	5·805	5·812	5·827	5·841	5·851	5·855	5·859	5·857	5·857	5·857	5·851	5·845	5·843	5·844	5·842	5·847	5·841	5·837	5·830	5·834	27
28	5·821	5·815	5·805	5·798	5·787	5·785	5·768	5·763	5·753	5·749	5·739	5·733	5·728	5·714	5·704	5·688	5·672	5·654	5·641	5·638	5·634	5·619	5·603	5·593	5·717	28
29	5·572	5·547	5·546	5·536	5·531	5·529	5·533	5·539	5·544	5·545	5·552	5·566	5·563	5·566	5·574	5·570	5·561	5·561	5·559	5·555	5·552	5·544	5·541	5·529	5·551	29
30	5·523	5·515	5·506	5·502	5·495	5·496	5·508	5·516	5·519	5·526	5·531	5·535	5·541	5·550	5·547	5·549	5·548	5·541	5·544	5·541	5·542	5·539	5·530	5·530	5·528	30
31																										31
MEANS.	5·461	5·454	5·449	5·447	5·445	5·448	5·452	5·456	5·460	5·464	5·467	5·470	5·471	5·475	5·473	5·472	5·468	5·467	5·468	5·469	5·473	5·472	5·470	5·466	5·463	MEANS.

JULY 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·518	5·509	5·499	5·493	5·487	5·489	5·484	5·500	5·496	5·503	5·509	5·524	5·532	5·533	5·553	5·561	5·564	5·574	5·584	5·595	5·610	5·619	5·624	5·626	5·541	1
2	5·622	5·618	5·614	5·613	5·618	5·617	5·617	5·619	5·624	5·622	5·629	5·631	5·631	5·633	5·635	5·633	5·627	5·620	5·615	5·614	5·619	5·620	5·612	5·601	5·621	2
3	5·591	5·584	5·580	5·579	5·567	5·568	5·579	5·588	5·586	5·594	5·595	5·596	5·606	5·609	5·611	5·613	5·601	5·594	5·597	5·595	5·596	5·600	5·602	5·592	5·593	3
4	5·590	5·586	5·581	5·580	5·584	5·592	5·607	5·621	5·639	5·645	5·656	5·658	5·664	5·668	5·668	5·671	5·667	5·667	5·658	5·661	5·657	5·645	5·639	5·630	5·635	4
5	5·624	5·623	5·609	5·592	5·587	5·587	5·579	5·587	5·589	5·572	5·585	5·587	5·577	5·578	5·576	5·560	5·566	5·559	5·567	5·574	5·580	5·587	5·584	5·580	5·584	5
6	5·582	5·582	5·576	5·569	5·564	5·568	5·570	5·583	5·585	5·587	5·586	5·577	5·571	5·556	5·533	5·515	5·476	5·457	5·440	5·424	5·385	5·374	5·364	5·350	5·516	6
7	5·331	5·325	5·311	5·300	5·292	5·288	5·290	5·295	5·295	5·295	5·305	5·311	5·318	5·308	5·303	5·299	5·298	5·298	5·286	5·276	5·260	5·262	5·258	5·241	5·294	7
8	5·228	5·195	5·189	5·192	5·204	5·222	5·240	5·262	5·284	5·296	5·310	5·321	5·336	5·348	5·366	5·379	5·382	5·399	5·411	5·420	5·435	5·445	5·448	5·448	5·323	8
9	5·446	5·442	5·442	5·434	5·430	5·418	5·431	5·424	5·421	5·427	5·437	5·440	5·457	5·461	5·458	5·479	5·463	5·469	5·464	5·484	5·495	5·504	5·498	5·484	5·454	9
10	5·488	5·464	5·448	5·435	5·437	5·447	5·464	5·478	5·489	5·500	5·505	5·520	5·522	5·529	5·536	5·542	5·531	5·528	5·524	5·533	5·543	5·540	5·536	5·519	5·502	10
11	5·509	5·497	5·473	5·452	5·435	5·411	5·380	5·344	5·324	5·307	5·264	5·231	5·204	5·223	5·228	5·243	5·249	5·286	5·305	5·322	5·338	5·342	5·349	5·353	5·336	11
12	5·366	5·371	5·372	5·380	5·385	5·393	5·409	5·419	5·425	5·431	5·437	5·440	5·448	5·462	5·461	5·460	5·459	5·459	5·461	5·467	5·478	5·483	5·482	5·477	5·434	12
13	5·477	5·472	5·461	5·460	5·458	5·461	5·471	5·476	5·479	5·487	5·494	5·502	5·508	5·514	5·525	5·523	5·525	5·533	5·542	5·550	5·561	5·566	5·574	5·566	5·508	13
14	5·572	5·571	5·568	5·574	5·572	5·579	5·585	5·590	5·590	5·590	5·588	5·586	5·586	5·585	5·570	5·554	5·543	5·526	5·506	5·494	5·491	5·460	5·435	5·429	5·548	14
15	5·400	5·374	5·365	5·364	5·356	5·359	5·361	5·357	5·363	5·373	5·379	5·379	5·388	5·395	5·394	5·396	5·386	5·395	5·399	5·401	5·402	5·409	5·401	5·403	5·383	15
16	5·402	5·395	5·397	5·393	5·387	5·391	5·384	5·390	5·389	5·382	5·380	5·380	5·377	5·370	5·363	5·351	5·328	5·324	5·320	5·322	5·332	5·327	5·320	5·315	5·363	16
17	5·317	5·321	5·312	5·312	5·312	5·317	5·321	5·324	5·327	5·343	5·340	5·355	5·360	5·364	5·374	5·372	5·363	5·367	5·365	5·362	5·360	5·347	5·339	5·326	5·342	17
18	5·313	5·296	5·285	5·281	5·272	5·255	5·253	5·248	5·239	5·234	5·228	5·224	5·216	5·213	5·207	5·201	5·189	5·184	5·175	5·174	5·175	5·174	5·174	5·174	5·224	18
19	5·175	5·178	5·175	5·177	5·182	5·194	5·209	5·226	5·238	5·245	5·256	5·266	5·273	5·287	5·276	5·281	5·276	5·281	5·280	5·283	5·283	5·288	5·286	5·282	5·246	19
20	5·283	5·299	5·304	5·315	5·327	5·343	5·363	5·373	5·391	5·406	5·427	5·442	5·465	5·477	5·488	5·505	5·511	5·529	5·544	5·563	5·589	5·602	5·614	5·622	5·449	20
21	5·646	5·659	5·664	5·684	5·702	5·720	5·738	5·758	5·774	5·793	5·808	5·823	5·836	5·844	5·853	5·856	5·862	5·866	5·874	5·883	5·885	5·881	5·872	5·872	5·798	21
22	5·866	5·865	5·859	5·857	5·863	5·861	5·870	5·874	5·884	5·885	5·891	5·890	5·899	5·904	5·902	5·903	5·895	5·892	5·892	5·891	5·896	5·899	5·895	5·891	5·884	22
23	5·883	5·879	5·876	5·877	5·868	5·869	5·870	5·872	5·867	5·869	5·875	5·878	5·878	5·881	5·877	5·873	5·870	5·864	5·860	5·867	5·866	5·866	5·862	5·861	5·871	23
24	5·849	5·841	5·834	5·835	5·835	5·832	5·837	5·837	5·828	5·835	5·832	5·831	5·833	5·837	5·837	5·835	5·825	5·824	5·819	5·821	5·825	5·827	5·822	5·808	5·831	24
25	5·801	5·800	5·799	5·789	5·776	5·779	5·785	5·789	5·785	5·775	5·781	5·784	5·787	5·791	5·792	5·795	5·792	5·797	5·807	5·803	5·815	5·819	5·821	5·817	5·795	25
26	5·820	5·819	5·820	5·819	5·821	5·824	5·839	5·851	5·848	5·848	5·851	5·859	5·853	5·856	5·859	5·853	5·854	5·853	5·852	5·854	5·863	5·863	5·857	5·858	5·846	26
27	5·858	5·857	5·848	5·846	5·843	5·845	5·853	5·864	5·862	5·870	5·872	5·881	5·889	5·895	5·896	5·894	5·892	5·893	5·894	5·900	5·910	5·912	5·910	5·904	5·879	27
28	5·904	5·904	5·903	5·904	5·899	5·907	5·907	5·911	5·914	5·918	5·921	5·921	5·923	5·925	5·922	5·916	5·910	5·912	5·910	5·917	5·917	5·911	5·907	5·899	5·916	28
29	5·894	5·886	5·884	5·885	5·878	5·877	5·878	5·885	5·891	5·896	5·899	5·894	5·898	5·903	5·903	5·896	5·892	5·891	5·891	5·889	5·891	5·888	5·884	5·882	5·890	29
30	5·875	5·868	5·864	5·863	5·856	5·854	5·858	5·853	5·861	5·863	5·865	5·868	5·870	5·873	5·870	5·869	5·857	5·855	5·852	5·854	5·856	5·855	5·851	5·839	5·860	30
31	5·830	5·831	5·822	5·818	5·814	5·814	5·818	5·820	5·820	5·819	5·819	5·821	5·825	5·824	5·823	5·814	5·812	5·813	5·803	5·811	5·812	5·815	5·809	5·809	5·817	31
MEANS.	5·583	5·578	5·572	5·570	5·568	5·570	5·576	5·581	5·584	5·587	5·589	5·594	5·598	5·601	5·602	5·601	5·599	5·597	5·597	5·600	5·604	5·604	5·601	5·595	5·590	MEANS.

AUGUST 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·796	5·786	5·775	5·766	5·765	5·761	5·762	5·767	5·767	5·769	5·771	5·772	5·765	5·766	5·764	5·761	5·753	5·748	5·746	5·744	5·749	5·748	5·738	5·724	5·761	1
2	5·707	5·705	5·692	5·686	5·676	5·669	5·664	5·667	5·662	5·664	5·657	5·651	5·653	5·657	5·652	5·648	5·645	5·628	5·620	5·628	5·627	5·624	5·612	5·595	5·654	2
3	5·583	5·570	5·560	5·559	5·546	5·539	5·536	5·532	5·531	5·531	5·532	5·532	5·524	5·514	5·519	5·522	5·526	5·520	5·510	5·525	5·537	5·543	5·533	5·525	5·535	3
4	5·541	5·522	5·518	5·510	5·515	5·537	5·525	5·539	5·547	5·555	5·563	5·564	5·571	5·576	5·582	5·588	5·578	5·578	5·584	5·591	5·590	5·595	5·591	5·593	5·561	4
5	5·588	5·591	5·587	5·579	5·576	5·579	5·585	5·595	5·597	5·595	5·602	5·605	5·606	5·610	5·608	5·604	5·596	5·588	5·582	5·580	5·572	5·568	5·558	5·550	5·588	5
6	5·539	5·532	5·521	5·508	5·509	5·508	5·508	5·516	5·517	5·524	5·525	5·525	5·526	5·525	5·520	5·518	5·510	5·504	5·498	5·504	5·504	5·495	5·482	5·465	5·512	6
7	5·459	5·441	5·425	5·419	5·410	5·402	5·395	5·393	5·377	5·371	5·365	5·360	5·363	5·355	5·339	5·334	5·322	5·319	5·314	5·315	5·309	5·306	5·305	5·292	5·362	7
8	5·285	5·279	5·281	5·275	5·277	5·281	5·285	5·292	5·293	5·302	5·309	5·318	5·332	5·339	5·333	5·339	5·346	5·337	5·337	5·333	5·336	5·333	5·316	5·313	5·311	8
9	5·293	5·279	5·276	5·251	5·213	5·184	5·112	5·050	5·042	5·042	5·015	5·005	5·026	5·008	5·000	5·005	4·983	4·951	4·920	4·921	4·877	4·871	4·871	4·867	5·044	9
10	4·886	4·880	4·879	4·860	4·869	4·847	4·827	4·805	4·790	4·777	4·759	4·727	4·721	4·700	4·639	4·627	4·627	4·635	4·679	4·707	4·732	4·744	4·767	4·802	4·762	10
11	4·805	4·822	4·841	4·856	4·864	4·871	4·879	4·882	4·910	4·925	4·944	4·963	4·993	5·021	5·029	5·039	5·043	5·052	5·060	5·082	5·094	5·098	5·104	5·106	4·970	11
12	5·097	5·096	5·093	5·090	5·081	5·076	5·068	5·062	5·057	5·041	5·026	5·010	4·992	4·992	4·969	4·955	4·928	4·916	4·923	4·971	4·992	5·016	5·050	5·072	5·024	12
13	5·077	5·102	5·123	5·141	5·167	5·194	5·226	5·259	5·286	5·318	5·335	5·359	5·387	5·429	5·451	5·464	5·483	5·485	5·499	5·515	5·525	5·539	5·547	5·548	5·352	13
14	5·553	5·560	5·558	5·557	5·566	5·573	5·580	5·595	5·607	5·621	5·625	5·635	5·647	5·653	5·660	5·655	5·664	5·672	5·682	5·687	5·694	5·689	5·686	5·688	5·629	14
15	5·682	5·682	5·678	5·676	5·675	5·688	5·691	5·693	5·697	5·704	5·704	5·714	5·719	5·716	5·710	5·704	5·697	5·680	5·682	5·684	5·691	5·690	5·689	5·679	5·693	15
16	5·678	5·682	5·675	5·663	5·663	5·657	5·650	5·656	5·653	5·650	5·657	5·645	5·641	5·644	5·635	5·631	5·637	5·620	5·621	5·619	5·608	5·605	5·592	5·589	5·640	16
17	5·585	5·569	5·561	5·553	5·539	5·547	5·538	5·548	5·540	5·552	5·547	5·556	5·567	5·577	5·576	5·579	5·578	5·574	5·577	5·579	5·587	5·592	5·597	5·599	5·568	17
18	5·596	5·595	5·598	5·598	5·606	5·620	5·618	5·624	5·636	5·648	5·653	5·657	5·668	5·669	5·672	5·678	5·683	5·688	5·695	5·703	5·708	5·705	5·703	5·701	5·655	18
19	5·700	5·694	5·693	5·688	5·686	5·687	5·687	5·691	5·695	5·696	5·698	5·702	5·706	5·707	5·697	5·691	5·683	5·676	5·677	5·671	5·668	5·657	5·641	5·626	5·684	19
20	5·624	5·609	5·593	5·583	5·593	5·584	5·593	5·608	5·613	5·632	5·641	5·654	5·666	5·679	5·684	5·677	5·676	5·672	5·672	5·673	5·673	5·653	5·656	5·643	5·640	20
21	5·634	5·628	5·625	5·620	5·608	5·607	5·597	5·586	5·594	5·593	5·594	5·593	5·594	5·601	5·605	5·587	5·587	5·577	5·581	5·579	5·574	5·579	5·569	5·569	5·595	21
22	5·548	5·537	5·514	5·512	5·501	5·488	5·485	5·483	5·491	5·482	5·477	5·479	5·476	5·478	5·464	5·459	5·458	5·444	5·443	5·444	5·451	5·443	5·442	5·436	5·476	22
23	5·433	5·422	5·421	5·415	5·407	5·411	5·410	5·416	5·425	5·428	5·438	5·443	5·453	5·455	5·456	5·460	5·465	5·463	5·462	5·469	5·471	5·473	5·476	5·472	5·444	23
24	5·469	5·468	5·470	5·466	5·467	5·473	5·475	5·481	5·484	5·492	5·496	5·495	5·503	5·513	5·508	5·513	5·513	5·508	5·515	5·524	5·523	5·523	5·529	5·526	5·497	24
25	5·521	5·524	5·520	5·519	5·522	5·529	5·534	5·542	5·549	5·554	5·556	5·567	5·572	5·576	5·575	5·575	5·574	5·576	5·580	5·587	5·588	5·587	5·589	5·592	5·559	25
26	5·586	5·586	5·581	5·579	5·577	5·578	5·577	5·578	5·585	5·587	5·584	5·588	5·588	5·587	5·579	5·578	5·574	5·572	5·569	5·571	5·572	5·569	5·563	5·550	5·577	26
27	5·545	5·541	5·542	5·527	5·518	5·528	5·525	5·525	5·522	5·523	5·522	5·525	5·527	5·521	5·519	5·520	5·510	5·508	5·511	5·510	5·499	5·499	5·494	5·496	5·519	27
28	5·493	5·491	5·487	5·494	5·487	5·490	5·492	5·510	5·519	5·519	5·514	5·519	5·520	5·525	5·534	5·535	5·534	5·535	5·534	5·541	5·549	5·548	5·544	5·544	5·519	28
29	5·547	5·536	5·531	5·516	5·521	5·529	5·533	5·535	5·539	5·532	5·530	5·531	5·527	5·518	5·516	5·507	5·513	5·505	5·503	5·510	5·519	5·514	5·502	5·512	5·522	29
30	5·506	5·504	5·493	5·493	5·487	5·492	5·491	5·490	5·505	5·504	5·506	5·511	5·512	5·510	5·509	5·503	5·495	5·505	5·508	5·513	5·517	5·514	5·513	5·505	5·504	30
31	5·503	5·499	5·491	5·486	5·487	5·495	5·498	5·499	5·510	5·515	5·529	5·534	5·540	5·555	5·553	5·554	5·558	5·560	5·570	5·574	5·571	5·585	5·586	5·584	5·535	31
MEANS.	5·479	5·475	5·471	5·466	5·464	5·465	5·463	5·465	5·469	5·472	5·473	5·475	5·480	5·483	5·479	5·478	5·475	5·471	5·473	5·479	5·481	5·481	5·479	5·476	5·474	MEANS.

SEPTEMBER 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·580	5·573	5·567	5·564	5·559	5·558	5·563	5·572	5·570	5·567	5·564	5·558	5·556	5·554	5·552	5·556	5·543	5·541	5·532	5·530	5·522	5·509	5·506	5·500	5·550	1
2	5·485	5·478	5·461	5·438	5·422	5·396	5·382	5·383	5·356	5·330	5·304	5·248	5·231	5·201	5·172	5·113	5·101	5·094	5·098	5·090	5·053	5·074	5·081	5·078	5·253	2
3	5·070	5·062	5·049	5·026	5·024	5·022	5·015	5·012	5·006	5·002	4·992	4·994	5·001	5·000	5·005	5·002	5·010	5·011	5·014	5·019	5·021	5·011	5·009	5·001	5·016	3
4	4·995	4·981	4·979	4·962	4·959	4·954	4·944	4·942	4·930	4·924	4·943	4·924	4·935	4·948	4·949	4·952	4·957	4·958	4·971	4·978	4·980	4·977	4·982	4·976	4·958	4
5	4·974	4·972	4·974	4·971	4·970	4·979	4·986	4·992	4·997	5·005	5·006	5·017	5·025	5·026	5·031	5·031	5·035	5·043	5·062	5·072	5·068	5·071	5·071	5·071	5·019	5
6	5·072	5·082	5·081	5·084	5·091	5·091	5·092	5·105	5·113	5·126	5·137	5·144	5·153	5·157	5·158	5·165	5·161	5·162	5·170	5·174	5·170	5·173	5·173	5·168	5·133	6
7	5·159	5·161	5·155	5·155	5·159	5·153	5·169	5·180	5·192	5·198	5·214	5·223	5·230	5·235	5·248	5·264	5·269	5·278	5·285	5·298	5·304	5·303	5·299	5·295	5·226	7
8	5·290	5·281	5·274	5·260	5·240	5·226	5·207	5·184	5·170	5·156	5·140	5·122	5·092	5·045	5·039	5·026	5·009	5·006	4·996	4·993	4·984	4·971	4·957	4·945	5·109	8
9	4·937	4·930	4·928	4·922	4·908	4·904	4·907	4·910	4·917	4·919	4·922	4·927	4·939	4·950	4·954	4·960	4·980	4·980	4·988	4·999	4·992	5·006	5·012	5·020	4·950	9
10	5·026	5·028	5·022	5·041	5·037	5·029	5·042	5·040	5·051	5·053	5·055	5·055	5·057	5·051	5·043	5·037	5·033	5·031	5·022	5·028	5·023	5·017	5·017	5·013	5·035	10
11	5·015	5·014	5·023	5·023	5·028	5·037	5·049	5·063	5·076	5·092	5·098	5·128	5·144	5·162	5·174	5·180	5·180	5·193	5·197	5·203	5·190	5·175	5·177	5·146	5·111	11
12	5·120	5·078	5·013	4·981	4·948	4·900	4·891	4·879	4·873	4·878	4·869	4·844	4·839	4·825	4·812	4·753	4·767	4·791	4·797	4·770	4·814	4·810	4·825	4·867	4·873	12
13	4·897	4·911	4·895	4·902	4·919	4·931	4·954	4·977	4·982	5·007	5·015	5·068	5·090	5·111	5·143	5·144	5·143	5·181	5·190	5·174	5·195	5·186	5·206	5·191	5·059	13
14	5·209	5·213	5·186	5·182	5·172	5·163	5·168	5·168	5·164	5·166	5·150	5·147	5·137	5·144	5·139	5·128	5·110	5·109	5·116	5·132	5·150	5·159	5·171	5·171	5·156	14
15	5·168	5·166	5·159	5·154	5·149	5·142	5·140	5·115	5·097	5·076	5·057	5·045	5·027	5·019	5·026	5·016	5·017	5·024	5·046	5·055	5·063	5·068	5·075	5·085	5·083	15
16	5·087	5·087	5·070	5·064	5·067	5·065	5·061	5·080	5·144	5·183	5·190	5·233	5·260	5·270	5·278	5·290	5·300	5·314	5·332	5·365	5·373	5·382	5·390	5·395	5·220	16
17	5·401	5·403	5·408	5·412	5·413	5·426	5·437	5·447	5·458	5·464	5·471	5·475	5·477	5·482	5·478	5·481	5·479	5·480	5·487	5·493	5·493	5·493	5·493	5·493	5·460	17
18	5·482	5·480	5·480	5·476	5·478	5·470	5·471	5·475	5·476	5·479	5·479	5·477	5·461	5·454	5·445	5·434	5·412	5·396	5·380	5·353	5·329	5·277	5·239	5·174	5·416	18
19	5·141	5·084	5·019	4·937	4·890	4·869	4·887	4·940	4·970	4·989	5·006	5·030	5·058	5·072	5·085	5·085	5·114	5·133	5·155	5·175	5·204	5·212	5·225	5·240	5·063	19
20	5·245	5·243	5·241	5·246	5·243	5·256	5·278	5·289	5·288	5·279	5·283	5·268	5·256	5·240	5·203	5·181	5·142	5·108	5·128	5·137	5·174	5·201	5·230	5·252	5·225	20
21	5·275	5·307	5·317	5·322	5·346	5·379	5·413	5·430	5·459	5·479	5·491	5·512	5·522	5·527	5·526	5·531	5·520	5·513	5·518	5·521	5·519	5·543	5·531	5·528	5·459	21
22	5·519	5·502	5·493	5·489	5·492	5·480	5·476	5·496	5·506	5·489	5·497	5·471	5·470	5·448	5·447	5·451	5·427	5·425	5·419	5·413	5·390	5·378	5·382	5·401	5·453	22
23	5·405	5·388	5·373	5·384	5·369	5·387	5·404	5·421	5·430	5·446	5·458	5·476	5·474	5·483	5·486	5·477	5·466	5·467	5·483	5·475	5·475	5·462	5·446	5·442	5·441	23
24	5·427	5·422	5·415	5·414	5·402	5·396	5·389	5·394	5·389	5·398	5·387	5·381	5·387	5·386	5·371	5·370	5·360	5·358	5·353	5·355	5·366	5·364	5·366	5·373	5·384	24
25	5·373	5·384	5·384	5·387	5·392	5·404	5·408	5·417	5·420	5·427	5·426	5·425	5·423	5·417	5·394	5·371	5·365	5·353	5·340	5·351	5·350	5·357	5·362	5·364	5·387	25
26	5·361	5·367	5·363	5·363	5·356	5·372	5·379	5·396	5·402	5·421	5·413	5·440	5·452	5·464	5·453	5·460	5·465	5·467	5·474	5·482	5·474	5·468	5·467	5·461	5·426	26
27	5·452	5·445	5·437	5·431	5·426	5·426	5·431	5·429	5·428	5·433	5·428	5·422	5·421	5·417	5·411	5·399	5·399	5·379	5·376	5·379	5·366	5·358	5·350	5·329	5·407	27
28	5·335	5·305	5·283	5·278	5·277	5·270	5·241	5·251	5·233	5·217	5·213	5·209	5·186	5·177	5·151	5·135	5·117	5·108	5·097	5·073	5·056	5·046	5·037	5·027	5·180	28
29	5·026	5·021	5·021	5·032	5·043	5·062	5·076	5·102	5·115	5·131	5·155	5·168	5·177	5·186	5·190	5·191	5·188	5·182	5·166	5·149	5·127	5·113	5·079	5·036	5·114	29
30	4·991	4·909	4·806	4·721	4·547	4·472	4·498	4·501	4·541	4·553	4·542	4·550	4·540	4·543	4·546	4·538	4·532	4·533	4·535	4·550	4·559	4·550	4·554	4·550	4·590	30
31																										31
MEANS.	5·217	5·209	5·196	5·187	5·178	5·174	5·179	5·186	5·192	5·196	5·197	5·199	5·201	5·200	5·197	5·191	5·187	5·187	5·191	5·193	5·193	5·190	5·190	5·186	5·192	MEANS.

OCTOBER 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·550	4·560	4·582	4·584	4·578	4·597	4·623	4·638	4·650	4·683	4·717	4·739	4·768	4·840	4·874	4·911	4·939	4·977	5·001	5·030	5·053	5·058	5·060	5·067	4·795	1
2	5·086	5·062	5·058	5·046	5·028	5·037	5·022	5·008	4·996	4·974	4·965	4·940	4·903	4·844	4·786	4·718	4·622	4·586	4·669	4·696	4·736	4·780	4·807	4·827	4·883	2
3	4·860	4·874	4·884	4·908	4·917	4·939	4·952	4·970	4·998	5·032	5·042	5·056	5·071	5·084	5·082	5·092	5·085	5·099	5·105	5·107	5·115	5·116	5·117	5·104	5·025	3
4	5·107	5·112	5·101	5·074	5·060	5·049	5·038	5·021	4·981	4·952	4·910	4·871	4·818	4·795	4·776	4·794	4·763	4·767	4·741	4·712	4·709	4·700	4·697	4·698	4·885	4
5	4·704	4·704	4·695	4·686	4·685	4·695	4·731	4·754	4·762	4·775	4·773	4·784	4·796	4·807	4·809	4·823	4·821	4·838	·845	4·859	4·869	4·878	4·881	4·887	4·786	5
6	4·889	4·897	4·899	4·910	4·904	4·909	4·901	4·908	4·916	4·914	4·914	4·906	4·893	4·892	4·877	4·876	4·869	4·881	4·892	4·913	4·918	4·932	4·955	4·973	4·905	6
7	4·992	5·005	5·023	5·046	5·069	5·088	5·098	5·130	5·154	5·179	5·192	5·204	5·213	5·219	5·227	5·236	5·241	5·240	5·238	5·225	5·201	5·187	5·151	5·112	5·153	7
8	5·063	5·006	4·947	4·909	4·847	4·811	4·781	4·770	4·773	4·763	4·748	4·740	4·720	4·714	4·694	4·684	4·676	4·669	4·667	4·664	4·671	4·675	4·688	4·699	4·766	8
9	4·713	4·720	4·733	4·750	4·765	4·783	4·795	4·814	4·833	4·840	4·843	4·844	4·848	4·851	4·846	4·839	4·830	4·810	4·812	4·791	4·789	4·775	4·763	4·753	4·798	9
10	4·763	4·751	4·753	4·782	4·765	4·725	4·755	4·787	4·801	4·845	4·857	4·853	4·914	4·936	4·971	4·984	4·992	5·022	5·021	5·034	5·049	5·051	5·067	5·071	4·898	10
11	5·075	5·069	5·064	5·067	5·064	5·070	5·077	5·074	5·078	5·085	5·088	5·092	5·094	5·088	5·085	5·083	5·078	5·086	5·093	5·102	5·116	5·124	5·134	5·149	5·089	11
12	5·163	5·170	5·189	5·205	5·232	5·239	5·269	5·286	5·316	5·338	5·384	5·382	5·399	5·412	5·419	5·417	5·434	5·441	5·438	5·435	5·436	5·422	5·415	5·423	5·344	12
13	5·424	5·402	5·406	5·402	5·393	5·413	5·407	5·414	5·430	5·434	5·427	5·427	5·419	5·411	5·423	5·427	5·419	5·422	5·407	5·380	5·370	5·399	5·404	5·413	5·411	13
14	5·400	5·394	5·413	5·409	5·396	5·393	5·401	5·409	5·451	5·478	5·451	5·491	5·503	5·497	5·509	5·513	5·539	5·539	5·525	5·549	5·559	5·577	5·576	5·598	5·482	14
15	5·604	5·623	5·624	5·633	5·649	5·656	5·679	5·698	5·716	5·732	5·752	5·760	5·768	5·778	5·792	5·796	5·805	5·826	5·824	5·844	5·847	5·843	5·852	5·853	5·748	15
16	5·855	5·854	5·842	5·847	5·843	5·819	5·824	5·824	5·807	5·803	5·807	5·776	5·748	5·734	5·732	5·721	5·722	5·714	5·727	5·718	5·712	5·707	5·701	5·695	5·772	16
17	5·684	5·671	5·664	5·654	5·644	5·641	5·634	5·631	5·620	5·613	5·609	5·594	5·577	5·567	5·561	5·545	5·538	5·544	5·541	5·543	5·552	5·552	5·560	5·564	5·596	17
18	5·572	5·572	5·568	5·575	5·579	5·584	5·599	5·615	5·619	5·636	5·640	5·642	5·641	5·638	5·631	5·628	5·623	5·627	5·623	5·622	5·626	5·626	5·622	5·615	5·613	18
19	5·616	5·591	5·581	5·571	5·559	5·548	5·542	5·536	5·531	5·535	5·530	5·523	5·517	5·507	5·498	5·490	5·481	5·481	5·479	5·478	5·466	5·463	5·463	5·454	5·518	19
20	5·441	5·429	5·420	5·406	5·402	5·398	5·393	5·390	5·392	5·379	5·376	5·366	5·353	5·347	5·333	5·322	5·318	5·312	5·304	5·296	5·291	5·286	5·280	5·268	5·354	20
21	5·255	5·246	5·235	5·230	5·217	5·219	5·221	5·224	5·227	5·219	5·222	5·222	5·213	5·202	5·201	5·201	5·195	5·199	5·197	5·194	5·193	5·191	5·183	5·174	5·212	21
22	5·166	5·155	5·147	5·146	5·145	5·138	5·142	5·142	5·142	5·140	5·143	5·142	5·142	5·140	5·141	5·144	5·141	5·153	5·155	5·165	5·174	5·174	5·176	5·177	5·151	22
23	5·176	5·172	5·167	5·168	5·173	5·173	5·181	5·191	5·189	5·192	5·197	5·193	5·186	5·182	5·181	5·181	5·185	5·182	5·185	5·181	5·181	5·173	5·172	5·162	5·180	23
24	5·147	5·139	5·130	5·118	5·105	5·104	5·103	5·113	5·111	5·114	5·112	5·109	5·107	5·102	5·102	5·102	5·097	5·097	5·095	5·096	5·095	5·087	5·083	5·073	5·106	24
25	5·061	5·052	5·040	5·025	5·006	4·995	4·977	4·967	4·946	4·922	4·889	4·892	4·863	4·831	4·794	4·787	4·767	4·749	4·724	4·707	4·686	4·649	4·629	4·582	4·856	25
26	4·546	4·510	4·469	4·448	4·427	4·424	4·427	4·432	4·444	4·450	4·472	4·468	4·457	4·471	4·487	4·489	4·494	4·502	4·489	4·507	4·499	4·495	4·485	4·480	4·474	26
27	4·475	4·462	4·462	4·479	4·479	4·480	4·492	4·501	4·516	4·519	4·526	4·554	4·564	4·579	4·587	4·590	4·601	4·614	4·602	4·613	4·622	4·629	4·609	4·613	4·549	27
28	4·623	4·621	4·619	4·615	4·612	4·618	5·625	4·636	4·662	4·670	4·703	4·732	4·758	4·785	4·839	4·878	4·912	4·960	4·992	5·042	5·074	5·104	5·127	5·145	4·806	28
29	5·160	5·147	5·205	5·244	5·257	5·271	5·319	5·333	5·359	5·380	5·402	5·426	5·441	5·464	5·442	5·448	5·459	5·456	5·445	5·442	5·418	5·408	5·385	5·368	5·362	29
30	5·354	5·329	5·302	5·274	5·227	5·209	5·196	5·168	5·120	5·140	5·109	5·042	5·023	5·021	4·993	5·006	4·994	5·018	5·043	5·058	5·075	5·074	5·084	5·082	5·122	30
31	5·074	5·068	5·065	5·074	5·072	5·083	5·090	5·106	5·114	5·121	5·134	5·147	5·162	5·185	5·197	5·213	5·233	5·247	5·258	5·272	5·278	5·288	5·295	5·296	5·170	31
MEANS.	5·116	5·109	5·106	5·106	5·100	5·100	5·106	5·113	5·118	5·124	5·127	5·126	5·125	5·127	5·125	5·127	5·125	5·131	5·133	5·138	5·141	5·143	5·143	5·141	5·123	MEANS.

NOVEMBER 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·295	5·294	5·288	5·270	5·272	5·263	5·271	5·276	5·273	5·270	5·271	5·263	5·248	5·263	5·255	5·261	5·276	5·282	5·273	5·282	5·271	5·289	5·274	5·287	5·274	1
2	5·296	5·302	5·308	5·319	5·332	5·341	5·341	5·330	5·318	5·315	5·306	5·299	5·281	5·275	5·254	5·260	5·241	5·230	5·225	5·217	5·217	5·212	5·203	5·213	5·276	2
3	5·196	5·180	5·165	5·153	5·134	5·122	5·089	5·096	5·084	5·091	5·083	5·085	5·068	5·057	5·050	5·048	5·038	5·044	5·053	5·057	5·067	5·064	5·073	5·072	5·090	3
4	5·077	5·073	5·072	5·084	5·083	5·082	5·067	5·075	5·076	5·057	5·043	5·044	5·015	4·995	4·979	4·981	4·954	4·946	4·951	4·937	4·936	4·938	4·926	4·922	5·013	4
5	4·910	4·900	4·881	4·874	4·855	4·864	4·871	4·891	4·914	4·935	4·961	4·992	5·013	5·039	5·070	5·098	5·117	5·145	5·167	5·188	5·208	5·231	5·248	5·273	5·027	5
6	5·282	5·288	5·299	5·309	5·309	5·312	5·312	5·317	5·325	5·326	5·335	5·341	5·368	5·371	5·372	5·385	5·394	5·393	5·402	5·403	5·424	5·433	5·439	5·448	5·358	6
7	5·438	5·436	5·438	5·452	5·442	5·454	5·475	5·495	5·508	5·529	5·540	5·542	5·555	5·551	5·555	5·555	5·560	5·562	5·574	5·563	5·562	5·568	5·563	5·568	5·520	7
8	5·572	5·571	5·561	5·550	5·551	5·552	5·563	5·565	5·569	5·585	5·589	5·589	5·594	5·610	5·608	5·610	5·619	5·620	5·629	5·627	5·627	5·632	5·628	5·620	5·593	8
9	5·628	5·625	5·625	5·618	5·619	5·624	5·626	5·636	5·660	5·659	5·666	5·665	5·663	5·672	5·669	5·670	5·670	5·671	5·682	5·684	5·692	5·695	5·695	5·696	5·659	9
10	5·699	5·692	5·690	5·686	5·690	5·691	5·691	5·704	5·708	5·714	5·713	5·717	5·715	5·720	5·718	5·713	5·712	5·713	5·721	5·721	5·717	5·718	5·710	5·714	5·708	10
11	5·706	5·695	5·689	5·685	5·682	5·676	5·677	5·674	5·683	5·674	5·679	5·672	5·673	5·670	5·660	5·657	5·651	5·654	5·658	5·653	5·650	5·648	5·640	5·639	5·669	11
12	5·632	5·625	5·614	5·597	5·587	5·573	5·573	5·571	5·564	5·555	5·534	5·517	5·486	5·471	5·458	5·446	5·441	5·423	5·387	5·358	5·337	5·324	5·296	5·265	5·485	12.
13	5·242	5·204	5·181	5·146	5·108	5·127	5·115	5·101	5·096	5·077	5·078	5·081	5·046	5·044	5·040	5·018	5·020	5·029	5·040	5·039	5·025	5·058	5·077	5·094	5·087	13
14	5·098	5·100	5·100	5·097	5·097	5·111	5·114	5·117	5·118	5·119	5·128	5·132	5·144	5·145	5·167	5·185	5·190	5·205	5·224	5·252	5·276	5·287	5·307	5·323	5·168	14
15	5·340	5·354	5·373	5·392	5·396	5·402	5·432	5·460	5·486	5·498	5·526	5·544	5·551	5·562	5·566	5·571	5·575	5·585	5·596	5·607	5·621	5·622	5·635	5·638	5·514	15
16	5·634	5·639	5·639	5·642	5·643	5·649	5·642	5·652	5·655	5·663	5·664	5·660	5·656	5·664	5·660	5·660	5·660	5·673	5·671	5·681	5·686	5·676	5·682	5·676	5·659	16
17	5·667	5·666	5·663	5·659	5·651	5·645	5·642	5·651	5·646	5·655	5·659	5·646	5·648	5·640	5·634	5·633	5·623	5·630	5·625	5·623	5·620	5·612	5·596	5·592	5-639	17
18	5·579	5·569	5·561	5·549	5·541	5·542	5·540	5·539	5·539	5·541	5·536	5·526	5·519	5·509	5·496	5·495	5·489	5·497	5·503	5·507	5·505	5·507	5·506	5·506	5·525	18
19	5·500	5·504	5·505	5·496	5·493	5·487	5·491	5·496	5·506	5·502	5·500	5·493	5·485	5·477	5·482	5·485	5·476	5·470	5·474	5·478	5·468	5·459	5·450	5·439	5·484	19
20	5·436	5·431	5·424	5·398	5·390	5·382	5·363	5·352	5·350	5·343	5·343	5·321	5·319	5·299	5·299	5·288	5·274	5·275	5·270	5·274	5·275	5·267	5·254	5·256	5·328	20
21	5·222	5·226	5·215	5·204	5·202	5·193	5·201	5·199	5·200	5·202	5·204	5·202	5·193	5·179	5·181	5·172	5·169	5·170	5·173	5·171	5·170	5·162	5·150	5·148	5·188	21
22	5·136	5·122	5·116	5·109	5·096	5·087	5·092	5·093	5·092	5·092	5·092	5·082	5·071	5·064	5·059	5·057	5·056	5·057	5·055	5·055	5·054	5·050	5·042	5·032	5·078	22
23	5·023	5·020	5·016	5·011	5·004	5·004	5·003	5·013	5·009	5·010	5·005	5·002	4·997	4·994	4·997	5·001	4·996	4·993	5·003	4·996	5·003	4·995	4·999	4·989	5·003	23
24	4·972	4·985	4·975	4·961	4·963	4·963	4·948	4·957	4·951	4·969	4·962	4·964	4·997	4·987	4·987	4·982	4·994	4·987	4·991	5·001	4·959	4·999	4·968	4·958	4·974	24
25	4·974	4·966	4·971	4·921	4·894	4·930	4·906	4·924	4·924	4·921	4·921	4·940	4·942	4·951	4·936	4·920	4·936	4·987	4·971	4·978	4·961	4·948	4·958	4·926	4·942	25
26	4·907	4·896	4·894	4·886	4·837	4·814	4·779	4·737	4·759	4·718	4·688	4·653	4·622	4·545	4·557	4·528	4·476	4·443	4·412	4·383	4·421	4·368	4·357	4·357	4·627	26
27	4·363	4·315	4·323	4·350	4·295	4·289	4·310	4·333	4·378	4·413	4·448	4·492	4·525	4·569	4·591	4·613	4·629	4·645	4·657	4·663	4·683	4·677	4·667	4·667	4·496	27
28	4·641	4·617	4·600	4·581	4·556	4·547	4·533	4·535	4·526	4·538	4·545	4·567	4·589	4·624	4·641	4·682	4·723	4·757	4·799	4·832	4·867	4·903	4·923	4·948	4·670	28
29	4·947	4·964	4·958	4·956	4·940	4·933	4·921	4·908	4·875	4·864	4·785	4·758	4·758	4·730	4·717	4·715	4·707	4·716	4·735	4·777	4·801	4·815	4·828	4·847	4·831	29
30	4·865	4·867	4·893	4·896	4·911	4·926	4·933	4·949	4·972	4·995	4·996	5·005	5·020	5·026	5·037	5·050	5·057	5·070	5·094	5·113	5·124	5·139	5·154	5·164	5·011	30
31																										31
MEANS.	5·243	5·238	5·235	5·228	5·219	5·220	5·217	5·222	5·225	5·228	5·227	5·226	5·225	5·223	5·223	5·225	5·224	5·229	5·234	5·237	5·241	5·243	5·242	5·243	5·230	MEANS.

DECEMBER 1885.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·171	5·167	5·187	5·202	5·218	5·242	5·249	5·271	5·299	5·330	5·344	5·361	5·378	5·402	5·409	5·409	5·416	5·425	5·437	5·451	5·431	5·423	5·409	5·392	5·334	1
2	5·377	5·351	5·322	5·287	5·264	5·242	5·227	5·183	5·151	5·109	5·093	5·036	4·942	4·940	4·984	5·024	5·027	5·040	5·042	5·046	5·050	5·049	5·078	5·084	5·123	2
3	5·097	5·087	5·083	5·102	5·101	5·101	5·086	5·095	5·110	5·117	5·101	5·092	5·075	5·039	4·992	4·954	4·862	4·813	4·742	4·704	4·662	4·639	4·585	4·531	4·949	3
4	4·445	4·387	4·343	4·269	4·242	4·245	4·262	4·367	4·361	4·402	4·479	4·571	4·615	4·659	4·696	4·728	4·737	4·778	4·805	4·834	4·852	4·875	4·908	4·938	4·575	4
5	4·952	4·962	4·965	4·980	4·989	5·004	5·010	5·022	5·015	5·020	5·011	5·008	4·995	4·985	4·968	4·955	4·940	4·935	4·922	4·925	4·920	4·918	4·914	4·924	4·968	5
6	4·925	4·912	4·922	4·929	4·916	4·943	4·950	4·961	5·006	5·019	5·040	5·054	5·067	5·081	5·100	5·117	5·131	5·147	5·157	5·166	5·178	5·186	5·208	5·214	5·055	6
7	5·222	5·219	5·230	5·233	5·232	5·240	5·243	5·253	5·268	5·280	5·293	5·298	5·295	5·301	5·303	5·318	5·314	5·333	5·339	5·357	5·365	5·391	5·401	5·422	5·295	7
8	5·428	5·433	5·445	5·449	5·444	5·446	5·456	5·474	5·491	5·510	5·518	5·512	5·516	5·530	5·530	5·531	5·540	5·546	5·545	5·566	5·577	5·582	5·597	5·612	5·512	8
9	5·612	5·570	5·590	5·585	5·579	5·568	5·568	5·562	5·537	5·527	5·521	5·529	5·505	5·533	5·544	5·563	5·555	5·569	5·571	5·575	5·596	5·604	5·609	5·610	5·566	9
10	5·623	5·630	5·651	5·658	5·645	5·671	5·686	5·704	5·716	5·739	5·742	5·739	5·730	5·730	5·729	5·726	5·725	5·730	5·729	5·733	5·734	5·718	5·711	5·710	5·705	10
11	5·710	5·709	5·706	5·703	5·685	5·685	5·675	5·673	5·662	5·642	5·649	5·632	5·615	5·622	5·610	5·594	5·578	5·566	5·541	5·553	5·547	5·529	5·504	5·487	5·620	11
12	5·456	5·462	5·433	5·392	5·347	5·355	5·337	5·317	5·285	5·274	5·274	5·277	5·265	5·246	5·231	5·257	5·235	5·246	5·236	5·242	5·247	5·250	5·235	5·253	5·298	12
13	5·235	5·238	5·226	5·224	5·230	5·218	5·216	5·220	5·237	5·260	5·271	5·262	5·274	5·288	5·320	5·329	5·342	5·343	5·353	5·380	5·395	5·415	5·440	5·461	5·299	13
14	5·457	5·484	5·469	5·470	5·463	5·470	5·467	5·476	5·484	5·500	5·514	5·504	5·507	5·527	5·532	5·558	5·564	5·552	5·567	5·580	5·582	5·597	5·582	5·588	5·521	14
15	5·593	5·594	5·585	5·591	5·585	5·598	5·595	5·609	5·611	5·614	5·617	5·595	5·584	5·571	5·565	5·568	5·552	5·546	5·546	5·547	5·549	5·502	5·492	5·481	5·570	15
16	5·462	5·449	5·461	5·433	5·424	5·410	5·405	5·400	5·399	5·404	5·409	5·377	5·402	5·396	5·437	5·460	5·498	5·539	5·559	5·588	5·613	5·623	5·638	5·660	5·477	16
17	5·678	5·695	5·707	5·708	5·712	5·733	5·749	5·766	5·779	5·799	5·812	5·811	5·812	5·815	5·817	5·835	5·838	5·844	5·850	5·859	5·862	5·866	5·871	5·876	5·796	17
18	5·873	5·870	5·860	5·843	5·843	5·837	5·837	5·834	5·834	5·830	5·828	5·818	5·797	5·793	5·781	5·777	5·761	5·757	5·757	5·759	5·747	5·724	5·705	5·683	5·798	18
19	5·683	5·658	5·648	5·636	5·616	5·605	5·592	5·579	5·563	5·546	5·530	5·514	5·493	5·483	5·466	5·448	5·437	5·427	5·404	5·404	5·391	5·377	5·366	5·359	5·509	19
20	5·349	5·325	5·314	5·301	5·305	5·296	5·304	5·314	5·320	5·326	5·347	5·352	5·354	5·364	5·377	5·393	5·404	5·421	5·427	5·448	5·459	5·466	5·468	5·471	5·371	20
21	5·474	5·474	5·473	5·471	5·475	5·480	5·484	5·487	5·490	5·501	5·507	5·501	5·494	5·498	5·494	5·504	5·504	5·510	5·517	5·529	5·532	5·549	5·555	5·568	5·503	21
22	5·582	5·601	5·618	5·628	5·643	5·663	5·676	5·699	5·721	5·751	5·760	5·767	5·755	5·763	5·771	5·806	5·808	5·829	5·832	5·846	5·853	5·858	5·845	5·837	5·746	22
23	5·836	5·827	5·827	5·823	5·810	5·808	5·813	5·815	5·793	5·812	5·809	5·807	5·793	5·776	5·782	5·764	5·762	5·768	5·750	5·768	5·776	5·779	5·783	5·771	5·794	23
24	5·775	5·771	5·779	5·772	5·772	5·765	5·774	5·780	5·785	5·792	5·791	5·790	5·780	5·787	5·780	5·779	5·778	5·772	5·774	5·777	5·771	5·752	5·728	5·722	5·773	24
25	5·709	5·682	5·673	5·641	5·632	5·599	5·612	5·598	5·607	5·606	5·602	5·561	5·591	5·576	5·594	5·593	5·611	5·621	5·632	5·658	5·665	5·671	5·675	5·669	5·628	25
26	5·677	5·675	5·672	5·682	5·697	5·710	5·715	5·728	5·740	5·749	5·753	5·755	5·748	5·746	5·743	5·745	5·750	5·742	5·746	5·747	5·734	5·728	5·726	5·698	5·725	26
27	5·683	5·673	5·681	5·659	5·615	5·610	5·615	5·586	5·579	5·569	5·557	5·544	5·506	5·495	5·468	5·423	5·409	5·385	5·355	5·314	5·274	5·231	5·171	5·152	5·481	27
28	5·106	5·081	5·004	4·923	4·844	4·817	4·752	4·666	4·567	4·609	4·598	4·590	4·567	4·572	4·565	4·564	4·552	4·556	4·572	4·580	4·587	4·565	4·584	4·636	4·686	28
29	4·720	4·762	4·804	4·824	4·832	4·873	4·868	4·862	4·852	4·865	4·846	4·892	4·929	4·982	5·019	5·066	5·081	5·105	5·113	5·147	5·170	5·186	5·195	5·221	4·967	29
30	5·234	5·267	5·282	5·299	5·299	5·296	5·287	5·285	5·267	5·232	5·193	5·160	5·135	5·105	5·088	5·086	5·083	5·077	5·078	5·035	5·052	5·065	5·082	5·093	5·170	30
31	5·123	5·144	5·159	5·175	5·166	5·171	5·179	5·188	5·210	5·232	5·232	5·227	5·234	5·241	5·257	5·271	5·275	5·278	5·295	5·298	5·294	5·297	5·299	5·288	5·231	31
MEANS.	5·395	5·392	5·391	5·384	5·375	5·377	5·377	5·380	5·379	5·386	5·388	5·385	5·379	5·382	5·386	5·392	5·389	5·394	5·393	5·401	5·402	5·400	5·399	5·400	5·389	MEANS.

JANUARY 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·285	5·269	5·261	5·233	5·227	5·219	5·222	5·228	5·219	5·204	5·205	5·195	5·173	5·142	5·105	5·069	5·070	5·060	5·040	5·057	5·070	5·073	5·082	5·083	5·158	1
2	5·080	5·102	5·105	5·103	5·118	5·117	5·133	5·138	5·147	5·158	5·163	5·168	5·159	5·173	5·194	5·206	5·203	5·216	5·216	5·228	5·242	5·237	5·235	5·223	5·169	2
3	5·201	5·176	5·154	5·108	5·043	4·993	4·989	4·934	4·906	4·865	4·845	4·837	4·827	4·817	4·819	4·805	4·796	4·771	4·775	4·777	4·773	4·775	4·755	4·774	4·896	3
4	4·748	4·764	4·760	4·775	4·754	4·767	4·759	4·761	4·761	4·745	4·743	4·729	4·700	4·696	4·706	4·676	4·650	4·640	4·638	4·635	4·634	4·622	4·609	4·590	4·703	4
5	4·586	4·591	4·581	4·597	4·590	4·564	4·552	4·568	4·605	4·640	4·673	4·707	4·726	4·764	4·798	4·874	4·897	4·926	4·953	4·969	4·988	4·991	5·014	5·029	4·758	5
6	5·029	5·038	5·049	5·064	5·078	5·086	5·096	5·126	5·150	5·183	5·230	5·234	5·252	5·277	5·288	5·293	5·308	5·331	5·346	5·359	5·361	5·364	5·367	5·357	5·219	6
7	5·332	5·326	5·325	5·309	5·278	5·258	5·236	5·195	5·150	5·133	5·110	5·061	5·017	4·955	4·920	4·877	4·824	4·778	4·775	4·736	4·683	4·674	4·693	4·688	5·014	7
8	4·683	4·694	4·713	4·727	4·727	4·730	4·746	4·784	4·825	4·844	4·859	4·892	4·877	4·912	4·919	4·954	4·961	4·967	4·986	5·017	5·049	5·051	5·062	5·084	4·878	8
9	5·084	5·106	5·129	5·164	5·200	5·229	5·245	5·265	5·296	5·316	5·329	5·349	5·353	5·353	5·351	5·351	5·362	5·369	5·377	5·375	5·371	5·367	5·374	5·365	5·295	9
10	5·349	5·341	5·329	5·315	5·295	5·278	5·259	5·255	5·250	5·245	5·231	5·207	5·192	5·183	5·173	5·167	5·151	5·139	5·132	5·121	5·115	5·110	5·109	5·117	5·211	10
11	5·113	5·125	5·151	5·159	5·158	5·178	5·199	5·228	5·248	5·270	5·303	5·324	5·339	5·336	5·372	5·386	5·391	5·399	5·411	5·426	5·408	5·429	5·453	5·455	5·303	11
12	5·456	5·441	5·422	5·417	5·391	5·376	5·334	5·339	5·306	5·296	5·273	5·251	5·244	5·239	5·211	5·210	5·209	5·183	5·193	5·154	5·085	5·065	4·978	4·897	5·249	12
13	4·859	4·800	4·736	4·698	4·674	4·655	4·652	4·666	4·686	4·684	4·682	4·696	4·723	4·756	4·799	4·863	4·934	4·995	5·045	5·080	5·134	5·160	5·194	5·209	4·849	13
14	5·214	5·212	5·254	5·255	5·275	5·291	5·277	5·282	5·272	5·256	5·253	5·220	5·194	5·157	5·162	5·133	5·112	5·110	5·095	5·050	5·023	4·976	4·977	4·942	5·166	14
15	4·915	4·877	4·823	4·818	4·791	4·760	4·733	4·698	4·687	4·686	4·674	4·656	4·644	4·656	4·627	4·617	4·630	4·606	4·599	4·597	4·584	4·599	4·611	4·612	4·688	15
16	4·622	4·635	4·648	4·656	4·651	4·641	4·644	4·661	4·662	4·665	4·663	4·629	4·580	4·534	4·468	4·432	4·428	4·437	4·418	4·414	4·383	4·388	4·385	4·364	4·542	16
17	4·378	4·408	4·448	4·458	4·470	4·449	4·437	4·431	4·414	4·421	4·415	4·394	4·380	4·379	4·382	4·372	4·367	4·358	4·362	4·362	4·359	4·357	4·356	4·354	4·396	17
18	4·355	4·356	4·357	4·366	4·369	4·379	4·400	4·410	4·431	4·446	4·460	4·460	4·461	4·466	4·464	4·471	4·476	4·478	4·483	4·493	4·498	4·497	4·515	4·526	4·442	18
19	4·551	4·577	4·609	4·635	4·668	4·682	4·715	4·737	4·753	4·766	4·766	4·751	4·735	4·702	4·681	4·666	4·641	4·641	4·654	4·684	4·740	4·758	4·791	4·836	4·697	19
20	4·867	4·909	4·935	4·953	4·963	4·983	4·999	5·015	5·047	5·064	5·079	5·090	5·100	5·110	5·111	5·129	5·130	5·142	5·158	5·165	5·169	5·156	5·159	5·153	5·066	20
21	5·141	5·124	5·131	5·127	5·133	5·110	5·112	5·108	5·129	5·123	5·119	5·114	5·102	5·097	5·112	5·095	5·098	5·105	5·098	5·112	5·115	5·106	5·102	5·093	5·113	21
22	5·086	5·086	5·085	5·079	5·081	5·070	5·068	5·075	5·082	5·092	5·094	5·106	5·107	5·120	5·132	5·136	5·137	5·151	5·157	5·165	5·187	5·199	5·215	5·212	5·122	22
23	5·216	5·219	5·211	5·200	5·181	5·179	5·176	5·178	5·163	5·167	5·150	5·134	5·123	5·123	5·117	5·130	5·105	5·115	5·116	5·125	5·131	5·129	5·126	5·124	5·152	23
24	5·108	5·107	5·095	5·080	5·079	5·067	5·068	5·054	5·050	5·055	5·035	5·039	5·030	5·023	5·006	4·961	4·967	4·973	4·975	4·972	4·970	4·961	4·962	4·964	5·026	24
25	4·961	4·950	4·936	4·945	4·962	4·954	4·962	4·982	4·973	4·990	4·995	5·001	4·974	4·961	4·962	4·948	4·942	4·923	4·913	4·994	5·003	5·006	4·991	4·997	4·968	25
26	4·992	5·026	5·040	5·012	5·030	5·029	5·044	5·042	5·059	5·041	5·086	5·098	5·102	5·106	5·099	5·116	5·108	5·111	5·127	5·128	5·121	5·129	5·135	5·126	5·079	26
27	5·122	5·116	5·116	5·110	5·106	5·101	5·131	5·153	5·169	5·188	5·203	5·197	5·195	5·196	5·188	5·208	5·199	5·219	5·217	5·223	5·224	5·240	5·261	5·245	5·181	27
28	5·214	5·203	5·181	5·161	5·141	5·134	5·125	5·125	5·113	5·109	5·106	5·104	5·092	5·087	5·082	5·056	5·035	5·014	4·979	4·963	4·955	4·953	4·940	4·877	5·073	28
29	4·828	4·804	4·780	4·774	4·777	4·787	4·769	4·783	4·768	4·778	4·757	4·767	4·749	4·737	4·743	4·723	4·778	4·795	4·798	4·811	4·823	4·847	4·843	4·850	4·786	29
30	4·831	4·820	4·777	4·717	4·708	4·711	4·693	4·691	4·669	4·662	4·630	4·590	4·551	4·516	4·495	4·499	4·489	4·500	4·491	4·493	4·487	4·483	4·469	4·461	4·601	30
31	4·438	4·418	4·392	4·354	4·331	4·319	4·311	4·313	4·315	4·320	4·325	4·328	4·336	4·347	4·360	4·374	4·384	4·411	4·418	4·421	4·411	4·405	4·392	4·398	4·368	31
MEANS.	4·956	4·955	4·953	4·947	4·944	4·939	4·938	4·943	4·945	4·949	4·950	4·946	4·937	4·933	4·931	4·930	4·928	4·931	4·934	4·939	4·939	4·939	4·940	4·936	4·941	MEANS.

FEBRUARY 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·403	4·410	4·410	4·422	4·428	4·442	4·458	4·462	4·451	4·448	4·445	4·465	4·507	4·550	4·585	4·609	4·630	4·653	4·665	4·680	4·696	4·711	4·715	4·722	4·540	1
2	4·724	4·725	4·747	4·747	4·769	4·782	4·791	4·816	4·829	4·843	4·862	4·868	4·876	4·882	4·886	4·884	4·883	4·893	4·900	4·902	4·893	4·887	4·889	4·883	4·840	2
3	4·884	4·883	4·887	4·891	4·898	4·914	4·932	4·951	4·973	5·001	5·030	5·045	5·064	5·093	5·119	5·153	5·173	5·203	5·234	5·258	5·289	5·312	5·338	5·360	5·079	3
4	5·379	5·399	5·408	5·436	5·446	5·469	5·491	5·507	5·525	5·543	5·568	5·585	5·599	5·616	5·624	5·633	5·636	5·646	5·655	5·666	5·663	5·664	5·656	5·639	5·561	4
5	5·630	5·611	5·603	5·584	5·557	5·537	5·514	5·493	5·462	5·438	5·420	5·391	5·364	5·334	5·315	5·306	5·300	5·297	5·306	5·310	5·306	5·311	5·322	5·324	5·418	5
6	5·336	5·352	5·361	5·368	5·377	5·388	5·406	5·419	5·434	5·448	5·449	5·453	5·449	5·440	5·435	5·434	5·419	5·428	5·430	5·420	5·419	5·422	5·424	5·419	5·414	6
7	5·432	5·434	5·429	5·435	5·434	5·436	5·443	5·455	5·456	5·475	5·494	5·503	5·505	5·531	5·544	5·562	5·574	5·583	5·621	5·635	5·661	5·679	5·685	5·695	5·529	7
8	5·701	5·706	5·713	5·721	5·743	5·738	5·752	5·772	5·785	5·789	5·801	5·795	5·806	5·794	5·798	5·803	5·800	5·804	5·807	5·806	5·803	5·789	5·794	5·784	5·775	8
9	5·768	5·768	5·741	5·739	5·723	5·699	5·714	5·727	5·709	5·710	5·735	5·721	5·721	5·696	5·699	5·688	5·665	5·665	5·666	5·672	5·671	5·678	5·672	5·681	5·705	9
10	5·676	5·673	5·671	5·666	5·672	5·671	5·676	5·682	5·691	5·693	5·690	5·690	5·683	5·676	5·664	5·656	5·642	5·634	5·631	5·624	5·615	5·598	5·584	5·561	5·655	10
11	5·543	5·520	5·504	5·485	5·456	5·433	5·421	5·406	5·388	5·372	5·348	5·332	5·305	5·300	5·270	5·257	5·237	5·221	5·224	5·226	5·214	5·212	5·205	5·210	5·337	11
12	5·197	5·203	5·199	5·193	5·187	5·174	5·165	5·155	5·146	5·138	5·133	5·097	5·085	5·085	5·083	5·052	5·049	5·037	5·067	5·056	5·057	5·043	5·032	5·049	5·112	12
13	5·055	5·052	5·039	5·029	5·024	5·008	4·997	4·976	4·956	4·952	4·944	4·935	4·927	4·930	4·944	4·949	4·957	4·969	4·973	4·980	4·977	4·978	4·969	4·961	4·978	13
14	4·948	4·934	4·933	4·924	4·914	4·904	4·909	4·922	4·931	4·946	4·967	4·990	4·999	5·009	5·017	5·032	5·047	5·074	5·104	5·140	5·155	5·187	5·201	5·220	5·017	14
15	5·234	5·255	5·264	5·274	5·286	5·299	5·314	5·334	5·356	5·373	5·389	5·406	5·413	5·418	5·426	5·433	5·436	5·450	5·458	5·464	5·473	5·483	5·477	5·476	5·383	15
16	5·475	5·468	5·462	5·456	5·451	5·448	5·454	5·456	5·460	5·449	5·457	5·449	5·441	5·439	5·438	5·430	4·428	5·438	5·434	5·433	5·432	5·432	5·429	5·427	5·445	16
17	5·422	5·415	5·410	5·412	5·413	5·416	5·427	5·436	5·441	5·448	5·461	5·471	5·473	5·483	5·486	5·494	5·500	5·512	5·535	5·555	5·563	5·573	5·583	5·586	5·480	17
18	5·586	5·591	5·591	5·591	5·601	5·616	5·622	5·626	5·631	5·611	5·620	5·596	5·600	5·595	5·583	5·573	5·568	5·558	5·552	5·526	5·516	5·503	5·485	5·465	5·575	18
19	5·463	5·468	5·447	5·424	5·402	5·385	5·374	5·369	5·371	5·379	5·377	5·365	5·352	5·352	5·350	5·348	5·348	5·343	5·348	5·352	5·358	5·358	5·357	5·356	5·377	19
20	5·356	5·360	5·364	5·365	5·351	5·355	5·366	5·368	5·363	5·380	5·386	5·392	5·396	5·401	5·405	5·415	5·419	5·431	5·446	5·463	5·472	5·470	5·470	5·475	5·403	20
21	5·475	5·467	5·468	5·461	5·464	5·468	5·473	5·482	5·488	5·493	5·504	5·506	5·506	5·513	5·514	5·523	5·526	5·538	5·545	5·557	5·571	5·578	5·579	5·586	5·512	21
22	5·593	5·599	5·601	5·607	5·604	5·606	5·613	5·623	5·639	5·642	5·651	5·631	5·615	5·650	5·645	5·643	5·646	5·656	5·672	5·679	5·675	5·676	5·667	5·680	5·638	22
23	5·678	5·671	5·670	5·643	5·647	5·634	5·635	5·636	5·626	5·617	5·602	5·601	5·597	5·593	5·578	5·572	5·564	5·564	5·554	5·557	5·561	5·552	5·556	5·550	5·602	23
24	5·536	5·533	5·528	5·522	5·510	5·512	5·511	5·513	5·517	5·516	5·512	5·510	5·493	5·489	5·481	5·481	5·477	5·484	5·492	5·500	5·503	5·505	5·501	5·497	5·505	24
25	5·493	5·498	5·492	5·495	5·489	5·494	5·499	5·504	5·514	5·518	5·527	5·526	5·521	5·512	5·522	5·518	5·516	5·526	5·533	5·541	5·540	5·540	5·545	5·542	5·517	25
26	5·545	5·539	5·541	5·539	5·542	5·542	5·555	5·563	5·560	5·562	5·561	5·559	5·552	5·556	5·554	5·550	5·537	5·535	5·530	5·528	5·529	5·531	5·519	5·511	5·543	26
27	5·503	5·504	5·493	5·476	5·477	5·478	5·486	5·494	5·501	5·494	5·501	5·494	5·486	5·494	5·494	5·494	5·494	5·486	5·481	5·480	5·497	5·495	5·499	5·494	5·491	27
28	5·496	5·513	5·533	5·543	5·552	5·548	5·556	5·544	5·542	5·528	5·538	5·534	5·522	5·524	5·523	5·514	5·485	5·495	5·478	5·447	5·432	5·423	5·393	5·369	5·501	28
29																										29
30																										30
31																										31
MEANS.	5·376	5·377	5·375	5·373	5·372	5·371	5·377	5·382	5·384	5·386	5·392	5·390	5·388	5·391	5·392	5·393	5·391	5·397	5·405	5·409	5·412	5·414	5·412	5·412	5·390	MEANS.

MARCH 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·346	5·305	5·282	5·229	5·232	5·201	5·189	5·199	5·169	5·169	5·140	5·109	5·124	5·115	5·103	5·093	5·085	5·080	5·077	5·060	5·047	5·042	5·020	5·008	5·143	1
2	4·990	4·978	4·958	4·950	4·924	4·920	4·925	4·896	4·907	4·915	4·897	4·919	4·879	4·876	4·890	4·882	4·917	4·920	4·932	4·947	4·949	4·964	4·977	4·964	4·928	2
3	4·985	4·998	5·010	5·032	5·054	5·080	5·082	5·110	5·128	5·144	5·142	5·174	5·180	5·182	5·188	5·181	5·177	5·179	5·170	5·175	5·173	5·164	5·156	5·138	5·125	3
4	5·121	5·110	5·104	5·092	5·080	5·072	5·054	5·056	5·056	5·049	5·037	5·043	5·040	5·032	5·028	5·022	5·015	5·011	5·005	5·003	4·989	4·978	4·960	4·948	5·038	4
5	4·932	4·909	4·893	4·873	4·862	4·846	4·839	4·832	4·830	4·830	4·832	4·838	4·829	4·828	4·829	4·832	4·837	4·842	4·852	4·865	4·875	4·896	4·899	4·925	4·859	5
6	4·943	4·957	4·950	4·969	4·988	5·014	5·033	5·054	5·092	5·116	5·149	5·173	5·192	5·213	5·232	5·258	5·269	5·289	5·309	5·335	5·350	5·356	5·372	5·374	5·166	6
7	5·381	5·381	5·389	5·392	5·406	5·418	5·412	5·417	5·423	5·428	5·427	5·433	5·421	5·429	5·424	5·425	5·413	5·392	5·395	5·397	5·393	5·402	5·388	5·389	5·407	7
8	5·392	5·382	5·375	5·383	5·375	5·388	5·387	5·379	5·395	5·407	5·421	5·428	5·429	5·434	5·436	5·439	5·436	5·461	5·468	5·479	5·487	5·487	5·492	5·497	5·427	8
9	5·466	5·474	5·469	5·464	5·471	5·464	5·444	5·465	5·449	5·445	5·471	5·483	5·438	5·458	5·475	5·467	5·486	5·499	5·536	5·527	5·543	5·543	5·550	5·547	5·485	9
10	5·558	5·573	5·576	5·596	5·600	5·607	5·636	5·638	5·640	5·652	5·654	5·654	5·680	5·688	5·694	5·662	5·684	5·695	5·703	5·715	5·710	5·725	5·723	5·729	5·658	10
11	5·725	5·734	5·736	5·742	5·749	5·755	5·768	5·775	5·780	5·783	5·784	5·785	5·781	5·776	5·773	5·773	5·763	5·762	5·758	5·767	5·761	5·757	5·750	5·745	5·762	11
12	5·735	5·725	5·717	5·705	5·694	5·690	5·691	5·689	5·687	5·685	5·689	5·686	5·681	5·679	5·679	5·679	5·674	5·679	5·684	5·692	5·697	5·696	5·697	5·698	5·693	12
13	5·700	5·700	5·691	5·704	5·703	5·708	5·713	5·717	5·720	5·717	5·715	5·719	5·716	5·723	5·712	5·714	5·708	5·699	5·695	5·684	5·677	5·668	5·667	5·665	5·701	13
14	5·654	5·642	5·614	5·598	5·591	5·575	5·573	5·555	5·555	5·534	5·534	5·528	5·516	5·505	5·482	5·475	5·448	5·446	5·433	5·430	5·430	5·422	5·407	5·389	5·514	14
15	5·384	5·378	5·381	5·373	5·366	5·374	5·382	5·393	5·396	5·425	5·428	5·439	5·443	5·462	5·482	5·478	5·478	5·479	5·485	5·499	5·497	5·499	5·488	5·497	5·438	15
16	5·480	5·474	5·467	5·456	5·434	5·437	5·430	5·431	5·439	5·432	5·434	5·433	5·418	5·413	5·384	5·381	5·395	5·386	5·393	5·394	5·388	5·384	5·379	5·367	5·418	16
17	5·365	5·360	5·352	5·331	5·318	5·305	5·291	5·346	5·339	5·363	5·326	5·344	5·361	5·328	5·314	5·297	5·282	5·272	5·244	5·266	5·276	5·280	5·279	5·262	5·313	17
18	5·248	5·204	5·211	5·205	5·181	5·188	5·184	5·192	5·183	5·187	5·156	5·167	5·178	5·206	5·207	5·236	5·230	5·231	5·247	5·236	5·228	5·207	5·209	5·207	5·205	18
19	5·223	5·226	5·216	5·225	5·229	5·207	5·216	5·224	5·225	5·241	5·214	5·205	5·190	5·171	5·141	5·142	5·119	5·119	5·141	5·152	5·153	5·159	5·161	5·159	5·186	19
20	5·161	5·166	5·165	5·188	5·160	5·166	5·170	5·174	5·181	5·186	5·190	5·191	5·189	5·198	5·201	5·203	5·201	5·208	5·213	5·221	5·227	5·222	5·217	5·212	5·192	20
21	5·205	5·206	5·201	5·197	5·191	5·189	5·198	5·221	5·223	5·236	5·247	5·258	5·262	5·266	5·269	5·272	5·283	5·293	5·310	5·321	5·341	5·354	5·366	5·364	5·261	21
22	5·365	5·374	5·369	5·367	5·366	5·379	5·396	5·382	5·384	5·390	5·393	5·393	5·398	5·378	5·382	5·366	5·350	5·330	5·316	5·290	5·275	5·298	5·299	5·294	5·355	22
23	5·292	5·290	5·287	5·287	5·289	5·298	5·307	5·314	5·314	5·325	5·315	5·322	5·321	5·320	5·292	5·312	5·312	5·320	5·326	5·327	5·338	5·345	5·350	5·350	5·315	23
24	5·359	5·346	5·354	5·352	5·363	5·362	5·372	5·377	5·379	5·382	5·386	5·391	5·378	5·364	5·358	5·331	5·282	5·270	5·264	5·236	5·206	5·205	5·179	5·170	5·319	24
25	5·139	5·128	5·107	5·061	5·037	5·059	5·065	5·072	5·084	5·093	5·098	5·100	5·101	5·101	5·100	5·104	5·114	5·121	5·121	5·119	5·117	5·107	5·091	5·074	5·096	25
26	5·064	5·037	5·018	4·987	4·969	4·956	4·941	4·908	4·896	4·892	4·898	4·899	4·890	4·869	4·842	4·824	4·797	4·794	4·782	4·781	4·809	4·803	4·816	4·846	4·888	26
27	4·863	4·876	4·885	4·892	4·903	4·902	4·910	4·909	4·903	4·901	4·902	4·894	4·892	4·886	4·884	4·889	4·890	4·895	4·910	4·932	4·946	4·972	4·995	5·017	4·910	27
28	5·039	5·060	5·073	5·089	5·098	5·115	5·130	5·147	5·158	5·161	5·160	5·162	5·154	5·135	5·120	5·102	5·082	5·058	5·045	5·000	4·979	4·946	4·894	4·867	5·074	28
29	4·846	4·853	4·557	4·829	4·822	4·817	4·821	4·820	4·814	4·818	4·816	4·808	4·813	4·809	4·807	4·804	4·805	4·806	4·810	4·829	4·849	4·853	4·865	4·874	4·827	29
30	4·891	4·902	4·917	4·929	4·940	4·950	4·948	4·932	4·902	4·871	4·799	4·685	4·625	4·582	4·564	4·541	4·494	4·437	4·491	4·555	4·652	4·736	4·755	4·758	4·744	30
31	4·759	4·729	4·686	4·662	4·633	4·612	4·596	4·585	4·575	4·578	4·609	4·642	4·686	4·723	4·768	4·795	4·824	4·848	4·861	4·878	4·888	4·892	4·907	4·917	4·736	31
MEANS.	5·246	5·241	5·236	5·231	5·227	5·228	5·229	5·233	5·233	5·237	5·234	5·236	5·232	5·231	5·228	5·225	5·221	5·220	5·225	5·229	5·234	5·237	5·236	5·234	5·232	MEANS.

APRIL 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·927	4·941	4·940	4·924	4·920	4·943	4·983	5·009	5·028	5·051	5·073	5·099	5·110	5·127	5·123	5·107	5·074	5·041	5·049	5·046	5·030	5·014	4·966	4·949	5·020	1
2	4·868	4·848	4·823	4·781	4·757	4·721	4·697	4·738	4·741	4·760	4·787	4·819	4·852	4·852	4·854	4·863	4·858	4·844	4·857	4·863	4·857	4·852	4·858	4·860	4·817	2
3	4·867	4·864	4·856	4·850	4·858	4·859	4·874	4·876	4·897	4·904	4·904	4·922	4·910	4·911	4·911	4·901	4·871	4·865	4·851	4·804	4·754	4·669	4·653	4·650	4·845	3
4	4·634	4·626	4·647	4·668	4·697	4·736	4·765	4·784	4·808	4·805	4·806	4·808	4·799	4·810	4·798	4·786	4·759	4·742	4·726	4·726	4·756	4·843	4·877	4·890	4·762	4
5	4·893	4·887	4·873	4·872	4·858	4·866	4·858	4·857	4·866	4·880	4·888	4·892	4·915	4·923	4·926	4·899	4·866	4·836	4·834	4·827	4·818	4·817	4·786	4·776	4·863	5
6	4·776	4·775	4·776	4·775	4·780	4·794	4·805	4·817	4·841	4·859	4·880	4·900	4·920	4·938	4·956	4·967	4·965	4·978	4·995	5·032	5·034	5·049	5·059	5·071	4·906	6
7	5·071	5·072	5·072	5·070	5·060	5·053	5·044	5·026	5·002	4·952	4·892	4·831	4·720	4·597	4·585	4·499	4·412	4·394	4·393	4·369	4·280	4·203	4·200	4·188	4·708	7
8	4·197	4·224	4·259	4·276	4·288	4·284	4·303	4·311	4·323	4·340	4·327	4·356	4·376	4·387	4·387	4·408	4·401	4·412	4·431	4·434	4·451	4·456	4·462	4·459	4·356	8
9	4·458	4·463	4·468	4·483	4·487	4·495	4·507	4·514	4·535	4·549	4·563	4·582	4·625	4·642	4·662	4·679	4·698	4·699	4·713	4·724	4·737	4·747	4·743	4·739	4·605	9
10	4·737	4·736	4·733	4·743	4·750	4·759	4·776	4·795	4·820	4·838	4·856	4·880	4·905	4·929	4·946	4·960	4·972	4·990	5·009	5·037	5·051	5·059	5·079	5·095	4·894	10
11	5·108	5·120	5·137	5·156	5·171	5·197	5·221	5·240	5·267	5·292	5·306	5·326	5·350	5·374	5·388	5·396	5·398	5·398	5·402	5·414	5·412	5·412	5·409	5·399	5·304	11
12	5·391	5·377	5·367	5·361	5·356	5·358	5·362	5·363	5·364	5·365	5·366	5·371	5·376	5·387	5·393	5·395	5·396	5·400	5·408	5·421	5·426	5·437	5·441	5·452	5·389	12
13	5·453	5·466	5·471	5·483	5·485	5·506	5·523	5·536	5·551	5·563	5·583	5·591	5·597	5·611	5·614	5·617	5·610	5·616	5·611	5·614	5·610	5·598	5·589	5·582	5·562	13
14	5·572	5·569	5·563	5·564	5·556	5·575	5·587	5·595	5·603	5·614	5·626	5·630	5·636	5·642	5·644	5·646	5·636	5·643	5·651	5·658	5·663	5·671	5·671	5·674	5·620	14
15	5·678	5·678	5·668	5·671	5·674	5·688	5·695	5·708	5·716	5·722	5·729	5·735	5·731	5·745	5·741	5·741	5·740	5·742	5·744	5·745	5·754	5·757	5·758	5·753	5·721	15
16	5·744	5·746	5·737	5·735	5·731	5·729	5·732	5·732	5·739	5·744	5·746	5·747	5·741	5·745	5·740	5·747	5·734	5·740	5·736	5·740	5·736	5·727	5·721	5·724	5·737	16
17	5·715	5·700	5·696	5·691	5·687	5·682	5·673	5·679	5·676	5·678	5·688	5·684	5·659	5·660	5·641	5·634	5·626	5·623	5·623	5·626	5·629	5·629	5·621	5·611	5·660	17
18	5·598	5·581	5·563	5·554	5·544	5·540	5·530	5·540	5·538	5·533	5·534	5·530	5·517	5·511	5·504	5·502	5·497	5·497	5·490	5·499	5·493	5·484	5·482	5·484	5·523	18
19	5·479	5·478	5·467	5·454	5·461	5·469	5·464	5·453	5·446	5·434	5·441	5·451	5·460	5·466	5·467	5·474	5·470	5·475	5·476	5·484	5·478	5·475	5·480	5·487	5·466	19
20	5·477	5·477	5·470	5·469	5·463	5·470	5·477	5·495	5·502	5·502	5·502	5·512	5·514	5·518	5·523	5·512	5·512	5·515	5·516	5·523	5·525	5·525	5·526	5·524	5·502	20
21	5·511	5·516	5·511	5·508	5·503	5·512	5·512	5·519	5·525	5·525	5·531	5·532	5·535	5·541	5·540	5·540	5·534	5·533	5·530	5·534	5·535	5·535	5·532	5·521	5·526	21
22	5·517	5·514	5·496	5·493	5·487	5·487	5·489	5·487	5·492	5·490	5·488	5·491	5·488	5·488	5·486	5·479	5·472	5·470	5·470	5·478	5·476	5·478	5·475	5·469	5·486	22
23	5·466	5·455	5·437	5·431	5·426	5·432	5·444	5·453	5·459	5·465	5·470	5·474	5·482	5·484	5·483	5·480	5·484	5·485	5·489	5·493	5·496	5·497	5·497	5·488	5·470	23
24	5·485	5·479	5·479	5·475	5·468	5·472	5·483	5·497	5·504	5·511	5·522	5·530	5·538	5·555	5·562	5·563	5·566	5·568	5·574	5·585	5·597	5·598	5·603	5·606	5·534	24
25	5·606	5·607	5·607	5·609	5·606	5·614	5·615	5·620	5·621	5·628	5·626	5·625	5·623	5·624	5·626	5·621	5·616	5·610	5·608	5·603	5·612	5·608	5·598	5·590	5·613	25
26	5·588	5·574	5·570	5·564	5·554	5·549	5·546	5·543	5·540	5·542	5·543	5·536	5·537	5·537	5·527	5·518	5·511	5·505	5·492	5·496	5·490	5·481	5·462	5·455	5·528	26
27	5·440	5·417	5·405	5·395	5·375	5·365	5·350	5·336	5·328	5·324	5·314	5·303	5·296	5·288	5·270	5·257	5·246	5·239	5·227	5·231	5·227	5·218	5·216	5·207	5·303	27
28	5·202	5·203	5·204	5·194	5·201	5·220	5·212	5·211	5·220	5·233	5·255	5·282	5·298	5·304	5·309	5·306	5·322	5·328	5·342	5·338	5·356	5·374	5·367	5·379	5·278	28
29	5·379	5·393	5·394	5·396	5·401	5·414	5·428	5·447	5·467	5·481	5·495	5·505	5·511	5·518	5·519	5·521	5·523	5·522	5·524	5·531	5·537	5·533	5·525	5·526	5·479	29
30	5·528	5·516	5·520	5·519	5·508	5·509	5·517	5·528	5·534	5·538	5·536	5·539	5·539	5·547	5·543	5·553	5·550	5·555	5·561	5·568	5·573	5·574	5·576	5·577	5·542	30
31																										31
MEANS.	5·246	5·243	5·240	5·239	5·237	5·243	5·249	5·257	5·265	5·271	5·276	5·283	5·285	5·289	5·289	5·286	5·277	5·276	5·278	5·281	5·280	5·277	5·274	5·273	5·267	MEANS.

MAY 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·576	5·577	5·582	5·581	5·582	5·591	5·600	5·603	5·615	5·623	5·630	5·638	5·647	5·658	5·661	5·659	5·658	5·662	5·658	5·666	5·664	5·658	5·665	5·648	5·629	1
2	5·642	5·638	5·632	5·625	5·616	5·616	5·601	5·608	5·610	5·595	5·597	5·563	5·566	5·588	5·580	5·554	5·547	5·555	5·555	5·545	5·519	5·531	5·525	5·530	5·581	2
3	5·524	5·524	5·499	5·500	5·505	5·525	5·534	5·548	5·559	5·573	5·587	5·599	5·609	5·625	5·635	5·636	5·638	5·630	5·631	5·634	5·636	5·639	5·642	5·625	5·568	3
4	5·619	5·612	5·600	5·580	5·588	5·585	5·578	5·573	5·568	5·580	5·578	5·587	5·610	5·619	5·628	5·638	5·642	5·643	5·655	5·669	5·681	5·687	5·695	5·707	5·622	4
5	5·707	5·710	5·712	5·713	5·717	5·725	5·728	5·731	5·729	5·732	5·736	5·731	5·733	5·733	5·726	5·718	5·716	5·711	5·711	5·711	5·710	5·706	5·703	5·699	5·719	5
6	5·695	5·698	5·695	5·693	5·691	5·694	5·695	5·700	5·695	5·692	5·689	5·692	5·692	5·696	5·696	5·687	5·679	5·675	5·673	5·668	5·666	5·663	5·655	5·641	5·684	6
7	5·632	5·621	5·613	5·601	5·593	5·594	5·593	5·596	5·593	5·598	5·601	5·604	5·608	5·610	5·606	5·602	5·594	5·596	5·593	5·591	5·592	5·593	5·593	5·595	5·600	7
8	5·591	5·580	5·570	5·561	5·562	5·564	5·564	5·566	5·569	5·572	5·573	5·570	5·575	5·579	5·577	5·570	5·557	5·549	5·544	5·545	5·546	5·543	5·542	5·533	5·563	8
9	5·528	5·516	5·506	5·497	5·486	5·485	5·477	5·467	5·451	5·451	5·444	5·438	5·425	5·425	5·424	5·416	5·406	5·403	5·396	5·388	5·384	5·383	5·372	5·366	5·439	9
10	5·356	5·354	5·347	5·340	5·334	5·334	5·333	5·337	5·335	5·334	5·333	5·331	5·332	5·339	5·334	5·333	5·328	5·326	5·328	5·333	5·335	5·334	5·326	5·326	5·335	10
11	5·324	5·323	5·325	5·325	5·325	5·328	5·333	5·339	5·343	5·351	5·362	5·364	5·371	5·376	5·371	5·372	5·373	5·373	5·365	5·271	5·376	5·374	5·368	5·360	5·354	11
12	5·349	5·344	5·328	5·322	5·311	5·305	5·302	5·293	5·280	5·271	5·261	5·249	5·238	5·228	5·215	5·198	5·185	5·170	5·158	5·153	5·134	5·141	5·129	5·126	5·237	12
13	5·128	5·104	5·087	5·095	5·080	5·081	5·089	5·086	5·073	5·073	5·058	5·071	5·062	5·047	5·035	5·060	5·030	5·047	5·002	4·993	5·009	5·064	5·107	5·108	5·066	13
14	5·111	4·984	4·975	4·988	4·993	4·980	4·986	4·982	4·976	4·968	4·950	4·957	4·954	4·958	4·950	4·950	4·946	4·932	4·943	4· 54	4·962	4·970	4·970	4·966	4·971	14
15	4·966	4·966	4·967	4·959	4·942	4·960	4·961	4·989	5·000	5·028	5·056	5·065	5·089	5·113	5·133	5·145	5·148	5·170	5·179	5·176	5·173	5·183	5·179	5·177	5·072	15
16	5·173	5·152	5·141	5·119	5·089	5·068	5·036	5·016	4·996	4·974	4·956	4·957	4·970	4·980	4·993	4·995	5·004	4·997	5·009	5·008	5·020	5·015	5·022	5·019	5·030	16
17	5·014	5·016	5·009	5·009	5·006	5·011	5·010	5·015	5·024	5·020	5·016	5·006	4·989	4·961	4·938	4·868	4·811	4·702	4·680	4·660	4·663	4·658	4·655	4·675	4·893	17
18	4·685	4·699	4·709	4·718	4·731	4·745	4·759	4·792	4·799	4·819	4·828	4·850	4·859	4·882	4·901	4·909	4·918	4·923	4·938	4·961	4·982	5·007	5·032	5·055	4·854	18
19	5·089	5·101	5·127	5·152	5·177	5·212	5·229	5·252	5·265	5·292	5·315	5·329	5·346	5·366	5·386	5·392	5·398	5·406	5·422	5·436	5·450	5·456	5·462	5·464	5·314	19
20	5·470	5·477	5·488	5·483	5·485	5·494	5·495	5·505	5·509	5·514	5·517	5·513	5·511	5·509	5·494	5·478	5·471	5·461	5·450	5·434	5·432	5·426	5·392	5·377	5·474	20
21	5·373	5·353	5·365	5·362	5·366	5·377	5·386	5·403	5·419	5·438	5·461	5·476	5·492	5·514	5·537	5·552	5·567	5·584	5·602	5·619	5·639	5·651	5·655	5·659	5·494	21
22	5·659	5·657	5·655	5·663	5·667	5·673	5·676	5·680	5·683	5·688	5·693	5·700	5·695	5·704	5·695	5·691	5·678	5·673	5·666	5·665	5·662	5·668	5·669	5·667	5·676	22
23	5·651	5·638	5·634	5·636	5·626	5·634	5·630	5·632	5·638	5·642	5·643	5·645	5·632	5·626	5·613	5·601	5·589	5·582	5·569	5·565	5·556	5·550	5·532	5·519	5·608	23
24	5·496	5·470	5·451	5·435	5·418	5·413	5·413	5·395	5·386	5·376	5·372	5·358	5·342	5·330	5·309	5·289	5·277	5·264	5·254	5·245	5·235	5·219	5·206	5·172	5·339	24
25	5·151	5·129	5·094	5·076	5·061	5·046	5·035	5·021	5·009	4·996	4·983	4·977	4·968	4·961	4·951	4·946	4·932	4·925	4·923	4·924	4·923	4·919	4·915	4·904	4·990	25
26	4·894	4·890	4·882	4·875	4·870	4·877	4·881	4·890	4·901	4·905	4·915	4·920	4·926	4·936	4·940	4·949	4·955	4·958	4·970	4·980	4·992	5·001	4·999	5·001	4·929	26
27	5·002	5·005	5·007	5·013	5·022	5·029	5·027	5·031	5·030	5·036	5·035	5·027	5·016	5·005	4·983	4·966	4·945	4·924	4·916	4·897	4·876	4·851	4·834	4·803	4·970	27
28	4·802	4·775	4·766	4·742	4·725	4·723	5·722	4·732	4·735	4·738	4·742	4·748	4·758	4·771	4·782	4·792	4·807	4·830	4·857	4·885	4·910	4·937	4·952	4·968	4·800	28
29	4·990	4·999	5·018	5·039	5·051	5·064	5·088	5·110	5·136	5·155	5·178	5·194	5·206	5·218	5·237	5·244	5·259	5·268	5·281	5·295	5·314	5·331	5·343	5·352	5·182	29
30	5·355	5·355	5·363	4·371	5·381	5·392	5·402	5·416	5·432	5·446	5·455	5·468	5·474	5·483	5·489	5·486	5·488	5·488	5·492	5·499	5·508	5·507	5·511	5·509	5·449	30
31	5·509	5·507	5·509	5·497	5·492	5·497	5·505	5·514	5·519	5·521	5·527	5·534	5·535	5·535	5·526	5·523	5·513	5·511	5·504	5·504	5·504	5·503	5·501	5·491	5·512	31
MEANS.	5·325	5·315	5·311	5·309	5·306	5·310	5·312	5·317	5·319	5·323	5·326	5·328	5·330	5·335	5·334	5·330	5·324	5·321	5·320	5·322	5·324	5·328	5·327	5·324	5·321	MEANS.

JUNE 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·480	5·468	5·454	5·450	5·443	5·442	5·444	5·446	5·449	5·452	5·447	5·441	5·435	5·432	5·419	5·411	5·398	5·390	5·390	5·393	5·396	5·394	5·392	5·386	5·427	1
2	5·384	5·377	5·368	5·370	5·373	5·386	5·399	5·412	5·425	5·436	5·452	5·466	5·475	5·487	5·501	5·507	5·505	5·511	5·518	5·531	5·542	5·555	5·560	5·558	5·462	2
3	5·551	5·545	5·540	5·541	5·543	5·544	5·553	5·562	5·571	5·579	5·588	5·597	5·597	5·598	5·593	5·596	5·589	5·590	5·592	5·595	5·598	5·599	5·600	5·594	5·577	3
4	5·596	5·585	5·583	5·575	5·580	5·582	5·588	5·598	5·609	5·614	5·629	5·636	5·636	5·636	5·636	5·632	5·627	5·626	5·626	5·628	5·629	5·628	5·624	5·618	5·613	4
5	5·607	5·596	5·582	5·576	5·572	5·564	5·564	5·561	5·553	5·543	5·537	5·534	5·526	5·514	5·504	5·499	5·488	5·483	5·477	5·469	5·468	5·459	5·442	5·433	5·523	5
6	5·419	5·407	5·400	5·390	5·386	5·377	5·377	5·380	5·381	5·386	5·381	5·379	5·380	5·380	5·360	5·359	5·353	5·350	5·350	5·355	5·355	5·353	5·347	5·356	5·373	6
7	5·351	5·354	5·349	5·354	5·367	5·374	5·392	5·408	5·416	5·428	5·439	5·451	5·457	5·463	5·467	5·464	5·459	5·460	5·463	5·465	5·464	5·451	5·436	5·425	5·423	7
8	5·412	5·401	5·394	5·386	5·379	5·370	5·373	5·374	5·381	5·376	5·381	5·377	5·372	5·373	5·367	5·356	5·351	5·347	5·347	5·348	5·346	5·341	5·331	5·320	5·367	8
9	5·310	5·302	5·297	5·288	5·281	5·271	5·276	5·276	5·284	5·280	5·284	5·282	5·283	5·286	5·287	5·290	5·292	5·285	5·286	5·287	5·293	5·284	5·278	5·264	5·285	9
10	5·269	5·261	5·247	5·246	5·243	5·243	5·254	5·270	5·280	5·284	5·283	5·284	5·294	5·300	5·301	5·297	5·303	5·305	5·310	5·320	5·322	5·324	5·319	5·316	5·286	10
11	5·312	5·304	5·296	5·282	5·277	5·275	5·263	5·273	5·264	5·266	5·245	5·231	5·229	5·216	5·206	5·188	5·178	5·170	5·169	5·170	5·159	5·150	5·145	5·128	5·225	11
12	5·120	5·096	5·077	5·063	5·048	5·041	5·034	5·033	5·034	5·029	5·025	5·032	5·031	5·037	5·049	5·057	5·054	5·064	5·070	5·077	5·087	5·097	5·105	5·109	5·061	12
13	5·117	5·123	5·124	5·131	5·139	5·149	5·167	5·182	5·193	5·203	5·219	5·226	5·235	5·254	5·260	5·272	5·280	5·283	5·293	5·301	5·319	5·316	5·304	5·303	5·224	13
14	5·295	5·276	5·266	5·258	5·243	5·231	5·213	5·197	5·162	5·138	5·117	5·082	5·069	5·033	5·042	5·049	5·068	5·095	5·092	5·104	5·118	5·115	5·106	5·102	5·144	14
15	5·085	5·074	5·066	5·056	5·081	5·095	5·104	5·140	5·153	5·175	5·205	5·214	5·228	5·234	5·235	5·251	5·251	5·252	5·255	5·258	5·249	5·276	5·284	5·287	5·188	15
16	5·304	5·295	5·298	5·293	5·319	5·323	5·359	5·393	5·419	5·429	5·443	5·465	5·483	5·492	5·506	5·503	5·509	5·519	5·515	5·517	5·521	5·521	5·516	5·528	5·436	16
17	5·537	5·531	5·533	5·523	5·541	5·548	5·548	5·532	5·552	5·555	5·570	5·579	5·583	5·584	5·588	5·596	5·588	5·596	5·581	5·602	5·611	5·603	5·613	5·618	5·571	17
18	5·614	5·609	5·609	5·604	5·611	5·613	5·610	5·620	5·625	5·616	5·625	5·643	5·639	5·636	5·637	5·645	5·625	5·626	5·642	5·627	5·607	5·625	5·607	5·604	5·622	18
19	5·594	5·590	5·589	5·593	5·580	5·591	5·589	5·592	5·588	5·575	5·584	5·588	5·602	5·593	5·587	5·615	5·622	5·622	5·618	5·615	5·641	5·650	5·631	5·631	5·603	19
20	5·623	5·620	5·612	5·603	5·612	5·613	5·628	5·639	5·642	5·654	5·655	5·652	5·647	5·643	5·634	5·625	5·630	5·622	5·622	5·610	5·602	5·598	5·592	5·583	5·623	20
21	5·575	5·563	5·558	5·555	5·553	5·551	5·545	5·547	5·542	5·524	5·538	5·516	5·514	5·493	5·499	5·468	5·463	5·452	5·443	5·434	5·423	5·424	5·411	5·399	5·500	21
22	5·401	5·375	5·359	5·350	5·341	5·333	5·323	5·311	5·291	5·276	5·274	5·254	5·243	5·234	5·223	5·209	5·211	5·189	5·176	5·166	5·160	5·147	5·123	5·115	5·254	22
23	5·091	5·063	5·028	4·990	4·972	4·964	4·963	4·956	4·980	4·992	4·987	4·989	4·987	4·975	4·988	5·004	5·014	5·058	5·078	5·099	5·121	5·135	5·138	5·154	5·030	23
24	5·170	5·180	5·178	5·189	5·189	5·194	5·208	5·220	5·202	5·194	5·188	5·192	5·194	5·172	5·158	5·159	5·171	5·161	5·147	5·147	5·143	5·147	5·139	5·137	5·174	24
25	5·133	5·133	5·145	5·137	5·159	5·160	5·178	5·205	5·210	5·225	5·235	5·253	5·263	5·265	5·270	5·273	5·282	5·277	5·282	5·274	5·291	5·295	5·300	5·300	5·231	25
26	5·308	5·313	5·318	5·326	5·336	5·349	5·352	5·367	5·380	5·393	5·400	5·410	5·421	5·425	5·433	5·450	5·453	5·470	5·478	5·490	5·497	5·516	5·523	5·525	5·414	26
27	5·526	5·528	5·527	5·533	5·538	5·537	5·546	5·556	5·563	5·570	5·579	5·591	5·586	5·590	5·591	5·585	5·576	5·578	5·580	5·567	5·569	5·573	5·581	5·575	5·564	27
28	5·570	5·562	5·554	5·554	5·554	5·557	5·556	5·556	5·574	5·579	5·593	5·602	5·597	5·615	5·617	5·628	5·633	5·638	5·645	5·656	5·665	5·668	5·669	5·668	5·605	28
29	5·677	5·678	5·676	5·678	5·686	5·699	5·708	5·719	5·731	5·744	5·753	5·763	5·766	5·770	5·771	5·773	5·767	5·773	5·778	5·787	5·796	5·802	5·810	5·807	5·746	29
30	5·807	5·801	5·790	5·786	5·790	5·796	5·797	5·794	5·800	5·803	5·811	5·813	5·811	5·815	5·816	5·812	5·808	5·804	5·800	5·800	5·803	5·797	5·796	5·787	5·802	30
31																										31
MEANS.	5·408	5·400	5·394	5·389	5·391	5·392	5·397	5·404	5·408	5·411	5·416	5·418	5·419	5·418	5·418	5·419	5·418	5·420	5·421	5·423	5·426	5·428	5·424	5·421	5·412	MEANS.

JULY 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·782	5·773	5·763	5·755	5·751	5·747	5·745	5·744	5·748	5·749	5·752	5·754	5·752	5·756	5·745	5·743	5·738	5·736	5·730	5·724	5·727	5·727	5·724	5·718	5·745	1
2	5·771	5·709	5·708	5·705	5·705	5·711	5·716	5·725	5·734	5·739	5·748	5·752	5·756	5·764	5·764	5·768	5·764	5·764	5·767	5·770	5·773	5·772	5·776	5·770	5·745	2
3	5·765	5·757	5·752	5·751	5·743	5·755	5·755	5·756	5·755	5·761	5·767	5·771	5·768	5·774	5·775	5·770	5·769	5·769	5·773	5·775	5·783	5·777	5·771	5·764	5·765	3
4	5·753	5·739	5·725	5·717	5·714	5·700	5·703	5·693	5·692	5·686	5·690	5·689	5·696	5·704	5·704	5·707	5·700	5·702	5·702	5·706	5·702	5·693	5·699	5·691	5·704	4
5	5·691	5·689	5·689	5·683	5·685	5·682	5·685	5·683	5·682	5·678	5·672	5·669	5·665	5·653	5·646	5·640	5·612	5·590	5·587	5·581	5·568	5·547	5·520	5·493	5·637	5
6	5·491	5·465	5·448	5·445	5·430	5·430	5·428	5·430	5·421	5·430	5·430	5·450	5·455	5·461	5·450	5·448	5·442	5·438	5·439	5·440	5·437	5·436	5·428	5·419	5·441	6
7	5·402	5·399	5·382	5·375	5·359	5·351	5·348	5·338	5·338	5·333	5·331	5·334	5·332	5·329	5·322	5·316	5·310	5·299	5·299	5·302	5·300	5·296	5·294	5·286	5·332	7
8	5·278	5·278	5·273	5·268	5·262	5·275	5·273	5·283	5·295	5·307	5·315	5·322	5·331	5·341	5·353	5·360	5·369	5·376	5·380	5·396	5·410	5·417	5·416	5·427	5·334	8
9	5·429	5·430	5·435	5·437	5·441	5·451	5·465	5·476	5·487	5·492	5·495	5·497	5·497	5·502	5·501	5·497	5·492	5·491	5·498	5·507	5·512	5·517	5·520	5·512	5·483	9
10	5·508	5·499	5·504	5·514	5·516	5·525	5·527	5·535	5·541	5·544	5·551	5·548	5·543	5·536	5·530	5·513	5·499	5·485	5·473	5·468	5·466	5·454	5·452	5·445	5·507	10
11	5·436	5·418	5·413	5·398	5·390	5·378	5·382	5·381	5·375	5·368	5·358	5·362	5·363	5·359	5·356	5·346	5·347	5·341	5·346	5·340	5·331	5·323	5·322	5·312	5·364	11
12	5·302	5·286	5·26[6]	5·271	5·273	5·269	5·261	5·272	5·264	5·265	5·254	5·259	5·262	5·262	5·270	5·264	5·260	5·259	5·267	5·271	5·271	5·275	5·273	5·261	5·268	12
13	5·261	5·254	5·238	5·231	5·226	5·221	5·213	5·219	5·207	5·208	5·202	5·200	5·201	5·184	5·160	5·130	5·102	5·075	5·051	5·022	4·987	4·941	4·888	4·856	5·137	13
14	4·829	4·816	4·810	4·798	4·787	4·801	4·799	4·806	4·820	4·844	4·851	4·859	4·871	4·887	4·900	4·917	4·920	4·930	4·942	4·949	4·959	4·969	4·973	4·977	4·876	14
15	4·976	4·996	5·002	5·005	5·011	5·022	5·028	5·034	5·045	5·044	5·040	5·053	5·053	5·056	5·062	5·067	5·063	5·064	5·078	5·074	5·072	5·073	5·074	5·069	5·044	15
16	5·068	5·063	5·063	5·066	5·069	5·084	5·097	5·116	5·137	5·147	5·168	5·185	5·203	5·208	5·228	5·249	5·251	5·251	5·272	5·282	5·293	5·303	5·314	5·315	5·185	16
17	5·319	5·318	5·314	5·319	5·323	5·327	5·334	5·344	5·357	5·371	5·379	5·389	5·392	5·391	5·396	5·398	5·390	5·389	5·380	5·380	5·376	5·371	5·363	5·352	5·361	17
18	5·337	5·326	5·316	5·307	5·301	5·284	5·275	5·268	5·266	5·258	5·261	5·260	5·252	5·244	5·242	5·221	5·217	5·223	5·219	5·206	5·180	5·169	5·133	5·115	5·245	18
19	5·110	5·110	5·095	5·101	5·095	5·094	5·099	5·105	5·107	5·088	5·110	5·087	5·113	5·130	5·135	5·122	5·128	5·135	5·142	5·156	5·174	5·187	5·193	5·204	5·126	19
20	5·212	5·208	5·212	5·220	5·234	5·254	5·269	5·289	5·307	5·322	5·334	5·364	5·381	5·396	5·410	5·414	5·407	5·411	5·412	5·413	5·415	5·431	5·401	5·388	5·338	20
21	5·378	5·397	5·413	5·425	5·416	5·401	5·392	5·380	5·385	5·374	5·348	5·311	5·307	5·302	5·300	5·277	5·231	5·176	5·150	5·150	5·159	5·192	5·181	5·132	5·299	21
22	5·140	5·121	5·083	5·074	5·051	5·007	4·995	5·007	5·004	4·951	4·909	4·934	4·942	4·947	4·937	4·898	4·903	4·914	4·906	4·923	4·921	4·926	4·929	4·924	4·973	22
23	4·921	4·919	4·917	4·932	4·925	4·936	4·951	4·968	4·982	4·998	5·014	5·022	5·032	5·048	5·054	5·053	5·050	5·047	5·052	5·058	5·062	5·060	5·055	5·053	5·005	23
24	5·053	5·047	5·038	5·032	5·034	5·039	5·046	5·058	5·063	5·066	5·069	5·073	5·077	5·085	5·088	5·093	5·092	5·091	5·092	5·099	5·103	5·103	5·111	5·112	5·074	24
25	5·114	5·109	5·10₈	5·108	5·105	5·113	5·117	5·120	5·127	5·136	5·138	5·144	5·142	5·149	5·151	5·149	5·145	5·144	5·147	5·153	5·164	5·163	5·154	5·152	5·136	25
26	5·146	5·139	5·129	5·125	5·104	5·101	5·097	5·115	5·118	5·114	5·124	5·122	5·142	5·135	5·157	5·153	5·152	5·149	5·172	5·178	5·145	5·185	5·178	5·201	5·141	26
27	5·221	5·200	5·191	5·222	5·228	5·232	5·249	5·262	5·279	5·295	5·306	5·319	5·337	5·357	5·368	5·380	5·385	5·395	5·409	5·424	5·430	5·433	5·440	5·438	5·325	27
28	5·435	5·438	5·430	5·437	5·438	5·447	5·452	5·462	5·471	5·475	5·489	5·491	5·496	5·499	5·498	5·500	5·494	5·485	5·480	5·485	5·482	5·480	5·471	5·462	5·471	28
29	5·454	5·444	5·427	5·416	5·410	5·402	5·401	5·399	5·403	5·400	5·392	5·385	5·374	5·378	5·364	5·347	5·336	5·338	5·328	5·323	5·318	5·314	5·302	5·286	5·373	29
30	5·284	5·272	5·260	5·257	5·246	5·243	5·239	5·238	5·234	5·231	5·231	5·231	5·225	5·220	5·216	5·215	5·214	5·215	5·216	5·215	5·223	5·216	5·217	5·207	5·232	30
31	5·201	5·190	5·184	5·185	5·182	5·185	5·187	5·185	5·187	5·187	5·191	5·199	5·198	5·195	5·196	5·189	5·186	5·193	5·192	5·187	5·189	5·180	5·186	5·177	5·189	31
MEANS.	5·325	5·316	5·309	5·309	5·305	5·305	5·307	5·313	5·317	5·318	5·320	5·324	5·328	5·331	5·332	5·327	5·322	5·319	5·319	5·321	5·320	5·320	5·315	5·307	5·318	MEANS.

AUGUST 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·176	5·171	5·161	5·148	5·145	5·146	5·149	5·153	5·152	5·152	5·159	5·167	5·164	5·163	5·165	5·152	5·138	5·134	5·126	5·132	5·136	5·127	5·137	5·130	5·149	1
2	5·128	5·125	5·122	5·128	5·126	5·137	5·145	5·157	5·171	5·177	5·190	5·203	5·220	5·233	5·252	5·267	5·281	5·293	5·310	5·331	5·335	5·362	5·370	5·387	5·227	2
3	5·390	5·396	5·395	5·404	5·407	5·428	5·442	5·458	5·472	5·483	5·500	5·517	5·527	5·540	5·543	5·549	5·554	5·556	5·563	5·569	5·571	5·572	5·572	5·563	5·499	3
4	5·567	5·557	5·551	5·556	5·556	5·562	5·562	5·567	5·566	5·565	5·577	5·574	5·581	5·572	5·562	5·559	5·552	5·549	5·550	5·548	5·554	5·539	5·525	5·508	5·557	4
5	5·501	5·497	5·477	5·460	5·460	5·444	5·441	5·418	5·412	5·409	5·393	5·359	5·349	5·339	5·330	5·321	5·313	5·318	5·323	5·332	5·347	5·341	5·348	5·353	5·387	5
6	5·356	5·357	5·352	5·361	5·356	5·358	5·358	5·358	5·358	5·357	5·360	5·370	5·368	5·366	5·370	5·373	5·376	5·380	5·372	5·372	5·372	5·368	5·358	5·341	5·363	6
7	5·322	5·292	5·278	5·247	5·235	5·228	5·233	5·236	5·238	5·238	5·240	5·250	5·255	5·276	5·276	5·296	5·295	5·304	5·312	5·316	5·327	5·332	5·323	5·328	5·278	7
8	5·323	5·320	5·318	5·318	5·322	5·315	5·318	5·326	5·331	5·333	5·330	5·338	5·334	5·342	5·341	5·362	5·344	5·340	5·341	5·363	5·363	5·363	5·365	5·364	5·338	8
9	5·368	5·361	5·362	5·360	5·360	5·356	5·358	5·370	5·368	5·371	5·372	5·371	5·375	5·371	5·368	5·367	5·366	5·362	5·364	5·360	5·363	5·356	5·341	5·329	5·362	9
10	5·319	5·320	5·305	5·293	5·285	5·279	5·272	5·260	5·251	5·246	5·230	5·215	5·204	5·187	5·175	5·161	5·145	5·129	5·121	5·114	5·112	5·104	5·101	5·100	5·205	10
11	5·099	5·109	5·108	5·116	5·119	5·132	5·142	5·151	5·158	5·164	5·184	5·185	5·194	5·197	5·201	5·211	5·217	5·218	5·220	5·231	5·235	5·232	5·236	5·233	5·179	11
12	5·231	5·225	5·225	5·224	5·221	5·223	5·225	5·223	5·222	5·224	5·226	5·225	5·225	5·221	5·216	5·204	5·193	5·186	5·177	5·167	5·160	5·143	5·134	5·101	5·201	12
13	5·082	5·081	5·066	5·061	5·060	5·059	5·063	5·065	5·072	5·082	5·085	5·095	5·103	5·116	5·124	5·134	5·139	5·151	5·161	5·175	5·190	5·203	5·206	5·214	5·116	13.
14	5·225	5·236	5·242	5·245	5·258	5·284	5·296	5·315	5·329	5·341	5·355	5·379	5·391	5·404	5·411	5·422	5·420	5·428	5·420	5·416	5·417	5·412	5·414	5·415	5·353	14
15	5·401	5·385	5·372	5·359	5·363	5·332	5·334	5·312	5·294	5·286	5·267	5·261	5·255	5·239	5·230	5·217	5·210	5·201	5·199	5·185	5·163	5·132	5·123	5·093	5·259	15
16	5·079	5·059	5·025	4·998	4·982	4·993	4·985	5·005	5·011	5·028	5·034	5·044	5·052	5·068	5·084	5·096	5·105	5·128	5·150	5·176	5·197	5·224	5·247	5·275	5·085	16
17	5·299	5·311	5·324	5·344	5·364	5·391	5·411	5·440	5·453	5·474	5·486	5·498	5·522	5·528	5·539	5·540	5·556	5·557	5·561	5·578	5·584	5·594	5·598	5·598	5·481	17
18	5·590	5·589	5·585	5·591	5·595	5·598	5·605	5·614	5·619	5·619	5·630	5·637	5·642	5·641	5·637	5·630	5·626	5·634	5·630	5·630	5·635	5·631	5·636	5·640	5·620	18
19	5·642	5·638	5·633	5·632	5·636	5·649	5·660	5·675	5·691	5·701	5·713	5·718	5·727	5·728	5·726	5·740	5·731	5·731	5·724	5·728	5·735	5·741	5·738	5·721	5·698	19
20	5·714	5·699	5·688	5·680	5·671	5·669	5·655	5·619	5·625	5·605	5·619	5·608	5·593	5·585	5·582	5·584	5·567	5·566	5·569	5·579	5·563	5·583	5·581	5·586	5·616	20
21	5·592	5·582	5·582	5·584	5·584	5·594	5·601	5·604	5·610	5·625	5·624	5·636	5·631	5·626	5·623	5·612	5·610	5·613	5·625	5·629	5·624	5·625	5·619	5·613	5·611	21
22	5·615	5·611	5·610	5·611	5·604	5·612	5·613	5·625	5·622	5·630	5·633	5·636	5·638	5·636	5·631	5·625	5·615	5·614	5·616	5·617	5·616	5·609	5·596	5·581	5·617	22
23	5·570	5·559	5·541	5·534	5·524	5·526	5·524	5·524	5·518	5·506	5·499	5·499	5·498	5·488	5·479	5·479	5·475	5·466	5·467	5·471	5·458	5·444	5·438	5·422	5·496	23
24	5·405	5·408	5·388	5·382	5·366	5·358	5·367	5·370	5·372	5·366	5·370	5·366	5·359	5·368	5·363	5·360	5·349	5·341	5·336	5·341	5·333	5·336	5·332	5·322	5·361	24
25	5·318	5·303	5·308	5·302	5·315	5·305	5·306	5·311	5·304	5·303	5·294	5·293	5·280	5·272	5·259	5·244	5·224	5·215	5·224	5·215	5·195	5·189	5·171	5·165	5·263	25
26	5·191	5·206	5·229	5·246	5·251	5·250	5·261	5·268	5·265	5·269	5·258	5·246	5·250	5·245	5·249	5·264	5·263	5·289	5·317	5·346	5·356	5·366	5·383	5·390	5·277	26
27	5·396	5·409	5·413	5·410	5·429	5·439	5·467	5·487	5·508	5·518	5·537	5·548	5·562	5·569	5·572	5·566	5·564	5·563	5·564	5·576	5·569	5·562	5·553	5·524	5·513	27
28	5·512	5·503	5·484	5·475	5·465	5·469	5·471	5·477	5·474	5·466	5·461	5·443	5·441	5·432	5·407	5·390	5·386	5·388	5·378	5·389	5·390	5·384	5·372	5·374	5·435	28
29	5·366	5·366	5·346	5·345	5·328	5·349	5·351	5·346	5·351	5·365	5·379	5·392	5·400	5·404	5·412	5·410	5·411	5·421	5·415	5·433	5·438	5·435	5·437	5·430	5·389	29
30	5·424	5·409	5·391	5·364	5·357	5·365	5·365	5·367	5·382	5·373	5·370	5·380	5·376	5·388	5·395	5·371	5·350	5·366	5·359	5·354	5·346	5·343	5·328	5·308	5·368	30
31	5·296	5·289	5·294	5·283	5·287	5·312	5·326	5·335	5·344	5·356	5·376	5·386	5·397	5·410	5·427	5·433	5·436	5·438	5·436	5·447	5·451	5·453	5·457	5·458	5·380	31
MEANS.	5·371	5·367	5·360	5·357	5·356	5·360	5·365	5·369	5·372	5·375	5·379	5·382	5·384	5·386	5·385	5·385	5·381	5·383	5·385	5·388	5·391	5·390	5·388	5·383	5·377	MEANS.

SEPTEMBER 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·452	5·451	5·440	5·432	5·418	5·429	5·436	5·438	5·446	5·451	5·454	5·457	5·460	5·469	5·47$_2$	5·470	5·478	5·475	5·474	5·487	5·493	5·484	5·493	5·492	5·460	1
2	5·496	5·494	5·484	5·492	5·491	5·504	5·513	5·531	5·540	5·556	5·567	5·584	5·583	5·595	5·602	5·603	5·609	5·631	5·631	5·650	5·655	5·661	5·669	5·674	5·576	2
3	5·679	5·679	5·679	5·666	5·661	5·671	5·681	5·683	5·690	5·695	5·702	5·712	5·711	5·717	5·713	5·706	5·706	5·702	5·714	5·723	5·722	5·722	5·720	5·715	5·699	3
4	5·708	5·700	5·692	5·689	5·680	5·679	5·674	5·678	5·677	5·683	5·674	5·668	5·659	5·655	5·648	5·637	5·623	5·624	5·606	5·613	5·606	5·602	5·588	5·571	5·651	4
5	5·547	5·514	5·504	5·476	5·457	5·446	5·450	5·450	5·443	5·436	5·434	5·419	5·406	5·396	5·381	5·369	5·351	5·323	5·314	5·311	5·283	5·281	5·271	5·269	5·397	5
6	5·255	5·233	5·229	5·210	5·193	5·200	5·199	5·205	5·206	5·202	5·201	5·196	5·196	5·202	5·198	5·187	5·160	5·138	5·094	5·085	5·043	5·036	5·014	5·057	5·164	6
7	5·073	5·084	5·082	5·092	5·108	5·118	5·133	5·145	5·144	5·147	5·144	5·116	5·125	5·154	5·195	5·190	5·176	5·183	5·157	5·159	5·142	5·127	5·106	5·102	5·133	7
8	5·080	5·056	5·040	5·025	4·998	4·961	4·948	4·916	4·893	4·869	4·871	4·868	4·872	4·889	4·885	4·891	4·912	4·937	4·967	4·974	5·000	5·038	5·029	5·048	4·957	8
9	5·067	5·070	5·073	5·073	5·059	5·063	5·054	5·044	5·019	4·967	4·930	4·855	4·833	4·829	4·808	4·813	4·843	4·867	4·869	4·900	4·944	4·957	4·969	4·967	4·953	9
10	4·961	4·969	4·960	4·964	4·960	4·966	4·983	4·998	5·014	5·029	5·035	5·044	5·050	5·071	5·067	5·072	5·071	5·084	5·087	5·109	5·115	5·115	5·111	5·117	5·040	10
11	5·123	5·118	5·109	5·093	5·069	5·054	5·031	5·017	5·003	5·019	5·022	5·037	5·026	5·035	5·022	4·995	4·983	5·036	5·034	5·069	5·061	5·079	5·081	5·091	5·050	11
12	5·092	5·095	5·099	5·125	5·126	5·153	5·191	5·216	5·223	5·248	5·265	5·284	5·313	5·328	5·347	5·361	5·376	5·397	5·420	5·432	5·438	5·449	5·453	5·457	5·287	12
13	5·463	5·466	5·462	5·468	5·467	5·473	5·482	5·482	5·487	5·482	5·477	5·468	5·457	5·462	5·451	5·433	5·430	5·412	5·426	5·431	5·423	5·423	5·420	5·426	5·453	13
14	5·434	5·432	5·435	5·444	5·459	5·471	5·498	5·524	5·546	5·556	5·575	5·600	5·623	5·638	5·654	5·661	5·664	5·686	5·715	5·751	5·773	5·777	5·792	5·800	5·604	14
15	5·822	5·831	5·847	5·852	5·866	5·868	5·893	5·908	5·919	5·935	5·940	5·951	5·953	5·965	5·959	5·957	5·951	5·950	5·949	5·960	5·958	5·954	5·948	5·947	5·920	15
16	5·941	5·934	5·929	5·922	5·915	5·912	5·912	5·914	5·911	5·904	5·906	5·902	5·900	5·897	5·886	5·876	5·865	5·852	5·855	5·859	5·855	5·846	5·835	5·834	5·890	16
17	5·829	5·820	5·803	5·794	5·792	5·783	5·782	5·784	5·784	5·778	5·786	5·773	5·776	5·768	5·761	5·755	5·742	5·736	5·738	5·739	5·731	5·721	5·717	5·718	5·767	17
18	5·708	5·702	5·699	5·691	5·676	5·676	5·672	5·678	5·676	5·675	5·679	5·679	5·677	5·672	5·665	5·658	5·655	5·651	5.652	5·659	5·651	5·642	5·637	5·632	5·669	18
19	5·619	5·608	5·593	5·587	5·576	5·582	5·584	5·591	5·591	5·593	5·592	5·586	5·581	5·578	5·577	5·572	5·561	5·555	5·559	5·562	5·558	5·557	5·550	5·544	5·577	19
20	5·536	5·523	5·507	5·488	5·485	5·478	5·483	5·487	5·484	5·483	5·475	5·467	5·468	5·467	5·452	5·436	5·431	5·431	5·434	5·437	5·433	5·429	5·425	5·420	5·465	20
21	5·411	5·397	5·389	5·378	5·373	5·366	5·370	5·365	5·372	5·381	5·389	5·374	5·388	5·383	5·383	5·380	5·378	5·374	5·393	5·400	5·400	5·409	5·408	5·414	5·386	21
22	5·426	5·430	5·423	5·427	5·430	5·442	5·443	5·464	5·468	5·479	5·479	5·489	5·493	5·503	5·505	5·509	5·508	5·505	5·516	5·526	5·522	5·523	5·523	5·524	5·482	22
23	5·520	5·524	5·506	5·508	5·508	5·528	5·550	5·557	5·561	5·570	5·569	5·576	5·577	5·578	5·578	5·572	5·570	5·573	5·576	5·582	5·581	5·577	5·571	5·560	5·557	23
24	5·554	5·554	5·549	5·543	5·529	5·531	5·527	5·536	5·527	5·533	5·526	5·528	5·526	5·528	5·531	5·523	5·513	5·509	5·510	5·510	5·501	5·498	5·497	5·485	5·524	24
25	5·483	5·474	5·457	5·445	5·432	5·420	5·414	5·410	5·399	5·393	5·385	5·372	5·366	5·360	5·340	5·333	5·331	5·324	5·330	5·328	5·328	5·331	5·331	5·335	5·380	25
26	5·339	5·340	5·342	5·347	5·350	5·359	5·364	5·384	5·395	5·423	5·431	5·442	5·448	5·449	5·448	5·427	5·406	5·371	5·367	5·329	5·277	5·245	5·168	5·101	5·356	26
27	5·079	5·026	5·000	4·949	4·919	4·913	4·942	4·938	4·940	4·934	4·938	4·955	4·966	4·956	4·972	4·973	4·974	4·969	4·969	4·962	4·971	4·997	4·980	4·993	4·967	27
28	4·994	5·011	5·051	5·055	5·058	5·063	5·092	5·116	5·119	5·135	5·162	5·177	5·187	5·209	5·224	5·220	5·223	5·216	5·243	5·249	5·247	5·247	5·245	5·235	5·157	28
29	5·235	5·228	5·208	5·198	5·196	5·169	5·179	5·160	5·140	5·128	5·111	5·099	5·109	5·121	5·118	5·118	5·121	5·124	5·133	5·133	5·136	5·128	5·139	5·148	5·149	29
30	5·156	5·158	5·165	5·175	5·171	5·178	5·184	5·192	5·206	5·214	5·209	5·205	5·191	5·174	5·156	5·135	5·107	5·099	5·072	5·064	5·037	5·031	5·028	4·993	5·138	30
31																										31
MEANS.	5·403	5·397	5·392	5·387	5·381	5·382	5·389	5·394	5·394	5·397	5·398	5·396	5·397	5·402	5·400	5·394	5·391	5·391	5·393	5·400	5·396	5·396	5·391	5·389	5·394	MEANS.

OCTOBER 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·023	5·002	4·979	4·980	4·970	4·978	4·987	5·004	5·007	5·004	5·010	5·007	5·006	4·992	4·991	4·985	4·982	4·997	4·999	5·011	5·015	5·015	5·008	5·005	4·998	1
2	4·999	5·008	5·014	5·015	5·027	5·045	5·064	5·094	5·124	5·154	5·176	5·203	5·226	5·263	5·280	5·294	5·307	5·326	5·347	5·367	5·374	5·393	5·398	5·406	5·204	2
3	5·409	5·403	5·399	5·383	5·379	5·371	5·369	5·381	5·391	5·407	5·382	5·391	5·408	5·417	5·441	5·454	5·466	5·476	5·487	5·499	5·497	5·497	5·500	5·500	5·429	3
4	5·503	5·503	5·491	5·495	5·508	5·511	5·513	5·512	5·512	5·520	5·487	5·500	5·500	5·494	5·469	5·464	5·428	5·445	5·478	5·493	5·497	5·475	5·473	5·459	5·489	4
5	5·458	5·439	5·435	5·433	5·407	5·412	5·415	5·417	5·402	5·405	5·400	5·405	5·381	5·366	5·363	5·380	5·362	5·356	5·357	5·356	5·337	5·312	5·298	5·299	5·383	5
6	5·294	5·291	5·283	5·297	5·302	5·309	5·321	5·338	5·348	5·354	5·351	5·356	5·362	5·367	5·359	5·355	5·338	5·349	5·331	5·334	5·321	5·309	5·286	5·263	5·326	6
7	5·247	5·249	5·241	5·226	5·226	5·226	5·234	5·245	5·254	5·271	5·283	5·292	5·307	5·320	5·329	5·339	5·347	5·358	5·367	5·376	5·381	5·385	5·380	5·379	5·303	7
8	5·385	5·381	5·377	5·376	5·379	5·381	5·387	5·391	5·394	5·396	5·396	5·399	5·415	5·404	5·403	5·402	5·405	5·405	5·406	5·404	5·395	5·388	5·380	5·367	5·392	8
9	5·361	5·343	5·329	5.300	5·281	5·250	5·221	5·179	5·155	5·133	5·102	5·085	5·018	5·006	4·947	4·919	4·870	4·839	4·847	4·834	4·790	4·747	4·822	4·823	5·050	9
10	4·826	4·823	4·823	4·829	4·833	4·850	4·866	4·875	4·888	4·903	4·906	4·912	4·920	4·931	4·934	4·939	4·939	4·961	4·972	4·991	5·001	5·017	5·028	5·036	4·917	10
11	5·044	5·057	5·065	5·073	5·080	5·088	5·097	5·104	5·097	5·091	5·077	5·070	5·040	5·027	5·002	4·985	4·946	4·915	4·910	4·896	4·902	4·882	4·882	4·863	5·008	11
12	4·842	4·815	4·772	4·722	4·680	4·643	4·633	4·643	4·650	4·640	4·652	4·663	4·662	4·656	4·650	4·644	4·637	4·642	4·641	4·644	4·650	4·643	4·647	4·645	4·672	12
13	4·636	4·649	4·653	4·658	4·663	4·673	4·689	4·701	4·710	4·712	4·718	4·727	4·733	4·745	4·752	4·759	4·758	4·769	4·781	4·792	4·807	4·813	4·829	4·843	4·732	13
14	4·853	4·869	4·885	4·901	4·914	4·931	4·952	4·969	4·980	4·994	5·008	5·012	5·025	5·028	5·032	5·031	5·031	5·023	5·017	4·997	4·980	4·960	4·944	4·911	4·969	14
15	4·881	4·847	4·793	4·757	4·717	4·655	4·665	4·619	4·579	4·534	4·545	4·544	4·550	4·512	4·524	4·517	4·549	4·540	4·543	4·543	4·542	4·542	4·537	4·565	4·608	15
16	4·560	4·577	4·583	4·599	4·599	4·660	4·677	4·723	4·741	4·765	4·783	4·775	4·775	4·798	4·805	4·810	4·804	4·799	4·787	4·772	4·753	4·733	4·721	4·706	4·721	16
17	4·700	4·691	4·694	4·705	4·717	4·749	4·788	4·819	4·849	4·886	4·924	4·949	4·950	5·006	5·034	5·031	5·029	5·066	5·112	5·142	5·128	5·127	5·157	5·155	4·934	17
18	5·170	5·146	5·185	5·204	5·200	5·214	5·221	5·223	5·221	5·214	5·225	5·248	5·242	5·241	5·241	5·263	5·281	5·277	5·299	5·320	5·320	5·325	5·329	5·341	5·248	18
19	5·332	5·336	5·334	5·326	5·332	5·324	5·330	5·331	5·338	5·341	5·335	5·329	5·321	5·320	5·316	5·311	5·304	5·305	5·310	5·307	5·308	5·300	5·290	5·291	5·320	19
20	5·281	5·269	5·259	5·249	5·245	5·231	5·233	5·227	5·232	5·226	5·218	5·207	5·215	5·212	5·211	5·213	5·211	5·216	5·226	5·236	5·241	5·249	5·259	5·267	5·235	20
21	5·272	5·270	5·269	5·274	5·273	5·280	5·288	5·300	5·314	5·319	5·326	5·329	5·331	5·334	5·328	5·331	5·330	5·331	5·337	5·337	5·337	5·337	5·335	5·335	5·313	21
22	5·332	5·326	5·318	5·311	5·309	5·314	5·311	5·314	5·324	5·329	5·329	5·327	5·332	5·341	5·344	5·349	5·348	5·370	5·388	5·413	5·434	5·444	5·464	5·483	5·356	22
23	5·495	5·506	5·512	5·513	5·532	5·543	5·565	5·591	5·607	5·620	5·644	5·652	5·660	5·678	5·688	5·687	5·700	5·714	5·736	5·753	5·761	5·759	5·763	5·773	5·644	23
24	5·767	5·762	5·766	5·779	5·787	5·790	5·804	5·813	5·832	5·845	5·856	5·861	5·862	5·865	5·864	5·867	5·875	5·883	5·887	5·880	5·878	5·883	5·881	5·874	5·840	24
25	5·875	5·872	5·862	5·858	5·849	5·840	5·844	5·855	5·854	5·850	5·845	5·838	5·829	5·818	5·799	5·792	5·798	5·803	5·804	5·804	5·804	5·801	5·797	5·794	5·829	25
26	5·792	5·777	5·776	5·759	5·747	5·748	5·755	5·767	5·766	5·762	5·763	5·751	5·728	5·725	5·716	5·713	5·706	5·709	5·685	5·676	5·669	5·661	5·642	5·611	5·725	26
27	5·594	5·578	5·557	5·535	5·539	5·519	5·514	5·508	5·501	5·494	5·491	5·475	5·469	5·447	5·457	5·442	5·426	5·445	5·424	5·435	5·446	5·446	5·458	5·451	5·485	27
28	5·452	5·459	5·441	5·449	5·445	5·457	5·455	5·477	5·481	5·500	5·512	5·519	5·523	5·539	5·524	5·531	5·538	5·550	5·557	5·570	5·572	5·560	5·551	5·543	5·509	28
29	5·527	5·524	5·515	5·511	5·501	5·485	5·479	5·470	5·476	5·481	5·466	5·466	5·465	5·459	5·470	5·485	5·494	5·506	5·523	5·553	5·563	5·582	5·597	5·610	5·509	29
30	5·622	5·629	5·626	5·632	5·635	5·642	5·644	5·654	5·651	5·655	5·655	5·649	5·637	5·617	5·609	5·602	5·586	5·574	5·555	5·528	5·514	5·501	5·477	5·450	5·598	30
31	5·431	5·378	5·319	5·304	5·291	5·303	5·293	5·306	5·314	5·325	5·333	5·334	5·323	5·320	5·309	5·301	5·285	5·273	5·271	5·258	5·239	5·208	5·211	5·203	5·297	31
MEANS.	5·257	5·251	5·244	5·240	5·238	5·239	5·246	5·253	5·258	5·262	5·264	5·267	5·265	5·266	5·264	5·264	5·261	5·265	5·270	5·275	5·273	5·268	5·269	5·266	5·259	MEANS.

NOVEMBER 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·185	5·151	5·139	5·135	5·125	5·114	5·101	5·098	5·085	5·095	5·107	5·162	5·173	5·172	5·175	5·185	5·177	5·153	5·135	5·122	5·104	5·092	5·106	5·140	5·135	1
2	5·141	5·169	5·178	5·189	5·202	5·226	5·266	5·274	5·314	5·332	5·354	5·383	5·394	5·402	5·410	5·407	5·405	5·379	5·367	5·362	5·336	5·301	5·266	5·228	5·304	2
3	5·189	5·133	5·100	5·059	5·023	5·006	4·972	4·917	4·887	4·851	4·807	4·783	4·810	4·827	4·824	4·837	4·843	4·849	4·873	4·882	4·898	4·885	4·884	4·894	4·918	3
4	4·905	4·907	4·910	4·926	4·924	4·930	4·920	4·924	4·920	4·920	4·907	4·895	4·899	4·899	4·893	4·900	4·906	4·906	4·918	4·933	4·945	4·942	4·929	4·933	4·916	4
5	4·935	4·917	4·907	4·899	4·889	4·879	4·870	4·877	4·869	4·869	4·856	4·851	4·838	4·830	4·815	4·816	4·814	4·812	4·798	4·803	4·793	4·786	4·758	4·750	4·843	5
6	4·742	4·702	4·684	4·662	4·673	4·680	4·642	4·698	4·706	4·684	4·742	4·790	4·743	4·736	4·770	4·821	4·824	4·849	4·857	4·871	4·887	4·886	4·912	4·913	4·770	6
7	4·919	4·923	4·931	4·930	4·945	4·959	4·975	4·987	4·995	5·010	5·008	5·017	5·015	5·017	5·011	5·008	5·010	5·007	5·017	5·021	5·018	5·003	4·977	4·971	4·986	7
8	4·951	4·938	4·924	4·910	4·894	4·888	4·867	4·850	4·832	4·816	4·797	4·785	4·782	4·779	4·782	4·782	4·774	4·784	4·794	4·802	4·814	4·826	4·829	4·837	4·835	8
9	4·837	4·833	4·837	4·840	4·833	4·847	4·855	4·875	4·889	4·905	4·943	4·953	4·970	4·992	5·032	5·046	5·059	5·078	5·102	5·125	5·140	5·142	5·146	5·146	4·976	9
10	5·139	5·129	5·137	5·135	5·132	5·135	5·135	5·108	5·117	5·131	5·158	5·164	5·148	5·179	5·175	5·195	5·182	5·185	5·199	5·210	5·210	5·202	5·210	5·228	5·164	10
11	5·231	5·239	5·240	5·237	5·245	5·246	5·252	5·262	5·266	5·263	5·244	5·216	5·194	5·170	5·138	5·114	5·089	5·069	5·048	5·014	4·989	4·971	4·956	4·942	5·151	11
12	4·924	4·904	4·898	4·902	4·902	4·913	4·911	4·921	4·935	4·944	4·942	4·947	4·946	4·950	4·952	4·954	4·952	4·958	4·956	4·957	4·952	4·953	4·937	4·928	4·935	12
13	4·907	4·889	4·872	4·851	4·843	4·838	4·841	4·837	4·836	4·830	4·833	4·828	4·828	4·823	4·829	4·822	4·832	4·834	4·839	4·841	4·846	4·861	4·865	4·878	4·846	13
14	4·885	4·885	4·892	4·899	4·907	4·918	4·924	4·930	4·941	4·942	4·941	4·930	4·933	4·911	4·905	4·884	4·868	4·869	4·868	4·869	4·863	4·865	4·865	4·864	4·898	14
15	4·855	4·839	4·835	4·820	4·815	4·800	4·793	4·772	4·739	4·737	4·717	4·698	4·675	4·647	4·637	4·612	4·607	4·584	4·585	4·630	4·656	4·672	4·697	4·709	4·714	15
16	4·715	4·746	4·764	4·764	4·778	4·785	4·800	4·817	4·830	4·848	4·855	4·851	4·852	4·841	4·827	4·809	4·795	4·791	4·797	4·797	4·786	4·772	4·761	4·744	4·797	16
17	4·740	4·737	4·729	4·728	4·737	4·742	4·753	4·774	4·802	4·826	4·840	4·848	4·857	4·866	4·885	4·901	4·903	4·911	4·913	4·932	4·934	4·958	4·971	5·018	4·846	17
18	5·046	5·104	5·144	5·179	5·188	5·229	5·256	5·272	5·315	5·330	5·354	5·381	5·392	5·403	5·407	5·403	5·406	5·394	5·389	5·398	5·395	5·391	5·383	5·380	5·314	18
19	5·384	5·377	5·365	5·358	5·348	5·361	5·366	5·375	5·379	5·389	5·397	5·398	5·396	5·403	5·406	5·401	5·410	5·414	5·429	5·436	5·443	5·457	5·467	5·466	5·401	19
20	5·465	5·456	5·457	5·444	5·433	5·423	5·423	5·418	5·422	5·417	5·407	5·398	5·390	5·399	5·390	5·399	5·439	5·465	5·486	5·521	5·549	5·574	5·592	5·610	5·457	20
21	5·626	5·642	5·657	5·673	5·682	5·700	5·713	5·727	5·736	5·742	5·748	5·747	5·738	5·740	5·733	5·732	5·728	5·730	5·719	5·717	5·717	5·715	5·716	5·719	5·712	21
22	5·708	5·700	5·686	5·689	5·693	5·694	5·697	5·709	5·714	5·727	5·735	5·736	5·735	5·734	5·729	5·749	5·754	5·766	5·776	5·783	5·781	5·786	5·800	5·796	5·737	22
23	5·809	5·812	5·814	5·819	5·830	5·838	5·845	5·857	5·874	5·884	5·892	5·891	5·899	5·910	5·918	5·927	5·935	5·957	5·964	5·973	5·985	5·987	5·997	6·008	5·901	23
24	6·014	6·017	6·021	6·014	6·023	6·034	6·046	6·060	6·066	6·077	6·078	6·083	6·079	6·083	6·074	6·076	6·080	6·078	6·081	6·093	6·084	6·086	6·078	6·072	6·062	24
25	6·070	6·064	6·052	6·050	6·050	6·053	6·050	6·053	6·054	6·047	6·053	6·041	6·032	6·020	6·013	6·002	5·997	5·980	5·979	5·969	5·953	5·940	5·940	5·928	6·016	25
26	5·926	5·922	5·914	5·898	5·883	5·886	5·878	5·868	5·862	5·855	5·849	5·840	5·834	5·826	5·822	5·817	5·821	5·822	5·820	5·817	5·810	5·807	5·804	5·799	5·849	26
27	5·792	5·790	5·777	5·770	5·767	5·755	5·754	5·747	5·742	5.740	5·736	5·734	5·720	5·713	5·703	5·687	5·664	5·664	5·643	5·651	5·632	5·633	5·611	5·601	5·709	27
28	5·585	5·584	5·571	5·555	5·531	5·503	5·483	5·463	5·425	5·418	5·393	5·338	5·313	5·279	5·246	5·199	5·161	5·122	5·050	5·022	5·000	4·967	4·952	4·886	5·294	28
29	4·898	4·872	4·836	4·847	4·821	4·795	4·791	4·796	4·796	4·765	4·773	4·768	4·761	4·737	4·750	4·748	4·750	4·756	4·783	4·795	4·793	4·796	4·799	4·808	4·733	29
30	4·811	4·813	4·818	4·841	4·855	4·867	4·930	4·962	4·979	5·014	5·031	5·045	5·037	5·064	5·085	5·088	5·105	5·100	5·122	5·130	5·125	5·118	5·112	5·101	5·007	30
31																										31
MEANS.	5·211	5·206	5·203	5·201	5·199	5·201	5·204	5·208	5·211	5·214	5·217	5·217	5·213	5·212	5·211	5·211	5·210	5·209	5·210	5·216	5·215	5·212	5·211	5·210	5·210	MEANS.

DECEMBER 1886.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·095	5·075	5·088	5·084	5·091	5·082	5·064	5·086	5·090	5·088	5·072	5·029	4·946	4·881	4·860	4·838	4·848	4·969	4·990	5·065	5·070	5·081	5·095	5·102	5·029	1
2	5·108	5·098	5·111	5·157	5·156	5·160	5·178	5·195	5·199	5·204	5·216	5·223	5·226	5·225	5·224	5·220	5·216	5·229	5·231	5·240	5·239	5·239	5·239	5·230	5·198	2
3	5·230	5·231	5·223	5·215	5·210	5·222	5·228	5·225	5·230	5·225	5·212	5·189	5·171	5·150	5·137	5·113	5·084	5·055	5·046	5·027	5·017	5·002	4·985	4·979	5·142	3
4	4·973	4·978	4·960	4·972	4·977	4·976	4·985	5·027	5·045	5·097	5·070	5·102	5·149	5·180	5·215	5·227	5·232	5·240	5·264	5·274	5·287	5·292	5·280	5·246	5·127	4
5	5·218	5·212	5·170	5·178	5·172	5·181	5·178	5·186	5·177	5·178	5·178	5·178	5·156	5·132	5·102	5·053	5·035	4·994	4·973	4·940	4·908	4·860	4·805	4·812	5·082	5
6	4·827	4·844	4·862	4·858	4·835	4·820	4·823	4·808	4·801	4·799	4·800	4·805	4·795	4·776	4·746	4·737	4·715	4·697	4·673	4·678	4·671	4·659	4·645	4·643	4·763	6
7	4·636	4·631	4·630	4·623	4·613	4·610	4·607	4·614	4·628	4·647	4·660	4·650	4·638	4·660	4·666	4·652	4·648	4·640	4·631	4·619	4·594	4·574	4·527	4·474	4·620	7
8	4·424	4·353	4·217	4·099	3·947	3·793	3·600	3·555	3·530	3·570	3·534	3·506	3·486	3·468	3·456	3·470	3·454	3·467	3·471	3·494	3·503	3·533	3·560	3·591	3·670	8
9	3·625	3·650	3·685	3·695	3·679	3·834	3·860	3·905	3·944	3·995	4·031	4·048	4·059	4·085	4·106	4·127	4·143	4·171	4·216	4·246	4·277	4·293	4·334	4·359	4·015	9
10	4·379	4·401	4·414	4·438	4·442	4·458	4·473	4·495	4·526	4·537	4·548	4·567	4·586	4·609	4·627	4·666	4·679	4·693	4·709	4·721	4·732	4·744	4·752	4·749	4·581	10
11	4·732	4·722	4·712	4·674	4·661	4·600	4·577	4·592	4·583	4·579	4·583	4·590	4·584	4·586	4·572	4·574	4·558	4·545	4·529	4·526	4·503	4·491	4·487	4·482	4·585	11
12	4·487	4·487	4·491	4·499	4·514	4·531	4·560	4·580	4·591	4·620	4·644	4·672	4·699	4·724	4·751	4·767	4·792	4·812	4·842	4·876	4·914	4·920	4·954	4·983	4·696	12
13	5·014	5·022	5·028	5·069	5·086	5·101	5·121	5·134	5·152	5·156	5·167	5·169	5·168	5·149	5·150	5·140	5·131	5·127	5·121	5·121	5·134	5·131	5·122	5·120	5·118	13
14	5·121	5·112	5·103	5·087	5·067	5·054	5·041	5·015	5·004	5·007	4·987	4·977	4·950	4·938	4·915	4·925	4·918	4·921	4·925	4·919	4·916	4·903	4·906	4·902	4·984	14
15	4·885	4·882	4·878	4·866	4·857	4·850	4·851	4·837	4·845	4·838	4·836	4·814	4·816	4·798	4·774	4·764	4·777	4·749	4·743	4·716	4·741	4·754	4·774	4·761	4·809	15
16	4·779	4·789	4·802	4·788	4·808	4·812	4·833	4·862	4·879	4·910	4·914	4·919	4·913	4·924	4·932	4·940	4·939	4·950	4·949	4·957	4·957	4·959	4·957	4·958	4·893	16
17	4·960	4·956	4·962	4·961	4·956	4·959	4·965	4·971	4·991	5·002	5·009	5·006	4·997	4·997	4·986	4·981	4·971	4·974	4·977	4·982	4·977	4·964	4·961	4·938	4·975	17
18	4·924	4·922	4·913	4·923	4·935	4·932	4·945	4·946	4·979	5·001	5·005	4·997	4·999	4·994	4·992	5·003	5·014	5·018	5·035	5·057	5·059	5·074	5·065	5·066	4·992	18
19	5·058	5·053	5·059	5·070	5·071	5·062	5·069	5·100	5·099	5·110	5·107	5·102	5·084	5·088	5·104	5·121	5·148	5·165	5·206	5·256	5·285	5·300	5·332	5·350	5·142	19
20	5·351	5·365	5·388	5·399	5·403	5·415	5·423	5·437	5·457	5·476	5·484	5·481	5·479	5·487	5·483	5·492	5·488	5·503	5·510	5·512	5·513	5·515	5·506	5·493	5·461	20
21	5·483	5·477	5·490	5·476	5·458	5·453	5·428	5·416	5·407	5·382	5·362	5·327	5·306	5·285	5·269	5·174	5·199	5·158	5·153	5·176	5·179	5·177	5·182	5·164	5·316	21
22	5·153	5·123	5·107	5·073	5·042	5·008	4·978	4·946	4·927	4·890	4·863	4·829	4·795	4·801	4·804	4·816	4·827	4·837	4·862	4·880	4·903	4·924	4·930	4·937	4·927	22
23	4·956	4·973	4·981	4·993	5·000	5·010	5·015	5·024	5·043	5·047	5·052	5·052	5·053	5·055	5·057	5·053	5·042	5·025	4·999	4·981	4·962	4·938	4·919	4·885	5·005	23
24	4·858	4·832	4·818	4·815	4·801	4·787	4·769	4·760	4·764	4·778	4·794	4·822	4·845	4·868	4·870	4·877	4·880	4·880	4·898	4·920	4·941	4·971	4·975	4·980	4·854	24
25	4·985	4·990	4·994	5·000	5·007	5·005	5·010	5·017	5·026	5·032	5·030	5·027	4·988	4·965	4·937	4·951	4·952	4·969	4·973	4·978	4·985	4·999	5·019	5·029	4·994	25
26	5·037	5·048	5·055	5·066	5·065	5·077	5·078	5·072	5·074	5·066	5·066	5·064	5·051	5·043	5·037	5·035	5·033	5·045	5·051	5·062	5·065	5·067	5·074	5·088	5·059	26
27	5·093	5·099	5·110	5·112	5·117	5·130	5·142	5·152	5·167	5·170	5·161	5·134	5·118	5·089	5·049	5·010	4·972	4·942	4·908	4·924	4·918	4·909	4·904	4·902	5·051	27
28	4·889	4·865	4·886	4·887	4·872	4·873	4·872	4·865	4·857	4·849	4·831	4·829	4·819	4·819	4·810	4·808	4·796	4·792	4·797	4·820	4·845	4·871	4·912	4·945	4·850	28
29	4·985	5·010	5·025	5·042	5·051	5·074	5·101	5·138	5·182	5·221	5·239	5·262	5·273	5·304	5·333	5·349	5·369	5·385	5·411	5·430	5·459	5·470	5·486	5·505	5·254	29
30	5·525	5·538	5·553	5·556	5·569	5·584	5·599	5·613	5·628	5·652	5·668	5·679	5·683	5·688	5·704	5·718	5·715	5·721	5·725	5·736	5·742	5·741	5·743	5·751	5·660	30
31	5·743	5·737	5·724	5·727	5·724	5·719	5·722	5·722	5·720	5·725	5·718	5·719	5·711	5·700	5·690	5·693	5·685	5·683	5·675	5·668	5·664	5·658	5·644	5·640	5·700	31
MEANS.	4·953	4·951	4·950	4·948	4·941	4·941	4·939	4·945	4·953	4·963	4·963	4·960	4·953	4·951	4·947	4·945	4·944	4·947	4·951	4·961	4·966	4·968	4·970	4·970	4·953	MEANS.

JANUARY 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·627	5·622	5·614	5·606	5·591	5·583	5·578	5·571	5·565	5·564	5·554	5·541	5·518	5·503	5·488	5·477	5·471	5·451	5·452	5·457	5·447	5·433	5·419	5·410	5·523	1
2	5·382	5·373	5·351	5·331	5·314	5·293	5·276	5·265	5·250	5·228	5·203	5·184	5·166	5·150	5·129	5·122	5·125	5·121	5·114	5·098	5·071	5·042	5·012	4·985	5·191	2
3	4·912	4·919	4·874	4·854	4·824	4·792	4·725	4·686	4·634	4·592	4·517	4·434	4·391	4·326	4·331	4·366	4·487	4·501	4·518	4·543	4·566	4·578	4·582	4·588	4·606	3
4	4·605	4·618	4·637	4·649	4·666	4·691	4·714	4·735	4·764	4·775	4·782	4·781	4·776	4·767	4·750	4·727	4·695	4·659	4·603	4·536	4·455	4·411	4·365	4·353	4·646	4
5	4·285	4·242	4·254	4·273	4·275	4·276	4·288	4·297	4·310	4·309	4·304	4·297	4·287	4·283	4·282	4·290	4·287	4·291	4·295	4·316	4·319	4·321	4·333	4·339	4·294	5
6	4·345	4·348	4·356	4·367	4·371	4·369	4·381	4·395	4·404	4·415	4·422	4·421	4·421	4·420	4·427	4·429	4·427	4·433	4·433	4·443	4·445	4·449	4·435	4·430	4·408	6
7	4·419	4·420	4·392	4·385	4·359	4·364	4·394	4·413	4·422	4·448	4·479	4·482	4·492	4·521	4·533	4·555	4·559	4·569	4·586	4·609	4·621	4·631	4·638	4·641	4·497	7
8	4·642	4·647	4·652	4·659	4·650	4·656	4·674	4·678	4·691	4·688	4·695	4·695	4·694	4·698	4·703	4·712	4·713	4·721	4·729	4·748	4·757	4·759	4·770	4·774	4·700	8
9	4·784	4·794	4·810	4·806	4·816	4·823	4·836	4·843	4·861	4·870	4·876	4·881	4·885	4·893	4·910	4·927	4·930	4·939	4·945	4·958	4·966	4·969	4·971	4·972	4·886	9
10	4·984	4·997	5·003	5·006	5·003	5·015	5·021	5·030	5·039	5·049	5·056	5·059	5·066	5·062	5·077	5·070	5·064	5·057	5·052	5·060	5·021	4·968	4·898	4·849	5·021	10
11	4·817	4·734	4·641	4·579	4·561	4·559	4·599	4·631	4·618	4·643	4·681	4·751	4·791	4·830	4·876	4·918	4·970	4·984	5·035	5·074	5·104	5·132	5·152	5·175	4·827	11
12	5·211	5·240	5·267	5·309	5·325	5·356	5·384	5·416	5·447	5·458	5·488	5·498	5·502	5·509	5·524	5·542	5·543	5·541	5·537	5·530	5·524	5·524	5·498	5·489	5·444	12
13	5·474	5·467	5·452	5·469	5·417	5·429	5·423	5·412	5·421	5·433	5·418	5·430	5·418	5·427	5·451	5·473	5·478	5·484	5·495	5·506	5·521	5·538	5·542	5·543	5·463	13
14	5·546	5·551	5·560	5·578	5·587	5·601	5·609	5·620	5·643	5·670	5·681	5·685	5·684	5·686	5·695	5·707	5·703	5·709	5·712	5·720	5·720	5·717	5·711	5·712	5·659	14
15	5·712	5·712	5·707	5·703	5·696	5·685	5·687	5·683	5·676	5·669	5·653	5·630	5·599	5·591	5·574	5·564	5·514	5·474	5·467	5·432	5·413	5·371	5·334	5·312	5·577	15
16	5·296	5·265	5·271	5·250	5·217	5·240	5·232	5·226	5·239	5·254	5·227	5·230	5·225	5·238	5·240	5·241	5·253	5·268	5·265	5·244	5·231	5·237	5·224	5·177	5·241	16
17	5·159	5·112	5·104	5·038	5·033	4·987	4·915	4·881	4·829	4·750	4·626	4·613	4·648	4·695	4·715	4·766	4·791	4·801	4·812	4·836	4·847	4·864	4·875	4·890	4·858	17
18	4·905	4·921	4·965	4·996	5·018	5·050	5·079	5·098	5·134	5·159	5·177	5·188	5·185	5·174	5·167	5·142	5·122	5·102	5·098	5·027	4·978	4·974	4·947	4·944	5·065	18
19	4·953	4·940	4·962	4·951	4·926	4·921	4·905	4·917	4·916	4·958	4·998	5·031	5·045	5·080	5·110	5·157	5·188	5·220	5·243	5·278	5·304	5·331	5·364	5·401	5·087	19
20	5·449	5·496	5·498	5·533	5·550	5·590	5·616	5·637	5·656	5·674	5·698	5·702	5·715	5·727	5·711	5·718	5·700	5·713	5·717	5·714	5·716	5·697	5·696	5·712	5·650	20
21	5·716	5·716	5·716	5·704	5·682	5·694	5·693	5·686	5·697	5·695	5·706	5·683	5·674	5·684	5·670	5·689	5·649	5·667	5·679	5·663	5·657	5·658	5·654	5·664	5·683	21
22	5·644	5·628	5·617	5·598	5·586	5·583	5·586	5·599	5·604	5·617	5·625	5·621	5·624	5·630	5·627	5·633	5·635	5·644	5·649	5·665	5·668	5·674	5·685	5·680	5·630	22
23	5·674	5·671	5·673	5·671	5·659	5·666	5·661	5·669	5·674	5·680	5·692	5·689	5·667	5·657	5·641	5·623	5·610	5·603	5·597	5·588	5·567	5·551	5·525	5·508	5·634	23
24	5·485	5·456	5·443	5·433	5·409	5·386	5·385	5·373	5·367	5·349	5·315	5·308	5·261	5·232	5·199	5·184	5·154	5·141	5·134	5·132	5·153	5·157	5·165	5·158	5·282	24
25	5·170	5·163	5·184	5·179	5·168	5·167	5·174	5·140	5·147	5·140	5·160	5·148	5·165	5·195	5·191	5·194	5·200	5·222	5·229	5·247	5·255	5·270	5·284	5·278	5·195	25
26	5·280	5·268	5·225	5·241	5·250	5·284	5·326	5·337	5·359	5·358	5·392	5·407	5·436	5·443	5·443	5·447	5·453	5·469	5·489	5·504	5·498	5·505	5·503	5·493	5·392	26
27	5·480	5·474	5·448	5·439	5·423	5·406	5·421	5·412	5·408	5·406	5·382	5·368	5·341	5·327	5·345	5·333	5·303	5·298	5·285	5·287	5·269	5·268	5·269	5·249	5·360	27
28	5·259	5·224	5·239	5·240	5·230	5·222	5·202	5·266	5·302	5·322	5·331	5·341	5·336	5·285	5·290	5·306	5·306	5·324	5·317	5·326	5·351	5·324	5·344	5·370	5·294	28
29	5·394	5·365	5·376	5·375	5·381	5·358	5·360	5·363	5·387	5·359	5·385	5·386	5·409	5·426	5·415	5·410	5·413	5·389	5·376	5·393	5·388	5·381	5·381	5·398	5·386	29
30	5·382	5·346	5·355	5·326	5·308	5·290	5·293	5·294	5·290	5·262	5·262	5·259	5·233	5·231	5·246	5·281	5·276	5·283	5·289	5·294	5·297	5·290	5·281	5·274	5·289	30
31	5·256	5·245	5·227	5·195	5·167	5·142	5·116	5·089	5·066	5·029	5·015	4·957	4·916	4·857	4·825	4·831	4·786	4·826	4·846	4·886	4·918	4·942	4·953	4·960	5·002	31
MEANS.	5·169	5·160	5·157	5·153	5·144	5·144	5·147	5·150	5·155	5·156	5·155	5·152	5·147	5·147	5·148	5·156	5·155	5·158	5·161	5·165	5·163	5·160	5·155	5·153	5·155	MEANS.

FEBRUARY 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·961	4·959	4·956	4·952	4·953	4·957	4·968	4·980	5·000	5·018	5·033	5·029	5·041	5·062	5·097	5·120	5·131	5·150	5·170	5·203	5·204	5·214	5·191	5·189	5·064	1
2	5·178	5·144	5·094	5·069	5·047	4·974	4·913	4·867	4·826	4·805	4·784	4·737	4·688	4·658	4·628	4·653	4·674	4·711	4·732	4·759	4·771	4·781	4·802	4·799	4·837	2
3	4·748	4·692	4·626	4·562	4·518	4·576	4·624	4·699	4·692	4·700	4·718	4·728	4·766	4·810	4·825	4·851	4·857	4·855	4·842	4·825	4·839	4·883	4·943	4·976	4·756	3
4	5·017	5·047	5·099	5·151	5·169	5·180	5·188	5·219	5·251	5·268	5·285	5·328	5·344	5·359	5·365	5·384	5·379	5·383	5·371	5·355	5·335	5·299	5·260	5·238	5·261	4
5	5·257	5·266	5·272	5·283	5·304	5·317	5·334	5·359	5·385	5·394	5·420	5·435	5·461	5·483	5·487	5·496	5·498	5·539	5·605	5·657	5·678	5·724	5·753	5·787	5·466	5
6	5·807	5·840	5·845	5·855	5·870	5·886	5·889	5·892	5·889	5·896	5·899	5·894	5·894	5·899	5·889	5·870	5·875	5·860	5·848	5·851	5·839	5·850	5·836	5·833	5·867	6
7	5·838	5·837	5·835	5·833	5·828	5·838	5·835	5·838	5·857	5·861	5·867	5·873	5·881	5·893	5·897	5·886	5·896	5·905	5·902	5·927	5·928	5·925	5·930	5·932	5·877	7
8	5·939	5·939	5·929	5·928	5·906	5·901	5·898	5·901	5·908	5·919	5·914	5·921	5·923	5·913	5·909	5·920	5·922	5·922	5·919	5·930	5·923	5·921	5·928	5·925	5·919	8
9	5·924	5·905	5·908	5·889	5·883	5·883	5·880	5·878	5·880	5·879	5·881	5·873	5·889	5·859	5·849	5·857	5·849	5·853	5·847	5·859	5·851	5·852	5·849	5·848	5·871	9
10	5·846	5·839	5·833	5·830	5·826	5·817	5·821	5·822	5·833	5·846	5·847	5·842	5·848	5·846	5·841	5·848	5·845	5·855	5·866	5·871	5·876	5·872	5·872	5·883	5·847	10
11	5·881	5·878	5·882	5·885	5·879	5·887	5·895	5·905	5·917	5·923	5·930	5·932	5·930	5·928	5·928	5·932	5·944	5·943	5·945	5·965	5·963	5·957	5·962	5·960	5·923	11
12	5·954	5·953	5·954	5·951	5·958	5·953	5·962	5·967	5·972	5·983	5·984	5·987	5·985	5·983	5·977	5·984	5·990	6·001	6·008	6·015	6·019	6·023	6·025	6·018	5·984	12
13	6·021	6·019	6·019	6·007	6·004	6·012	6·017	6·015	6·014	6·014	6·017	6·001	5·979	5·971	5·949	5·933	5·919	5·913	5·906	5·897	5·879	5·859	5·832	5·808	5·959	13
14	5·797	5·775	5·761	5·730	5·714	5·708	5·695	5·680	5·674	5·655	5·638	5·623	5·619	5·596	5·590	5·588	5·579	5·585	5·585	5·582	5·598	5·587	5·608	5·611	5·649	14
15	5·611	5·620	5·634	5·646	5·653	5·664	5·668	5·678	5·695	5·699	5·702	5·688	5·690	5·695	5·688	5·685	5·681	5·684	5·669	5·676	5·655	5·635	5·634	5·624	5·666	15
16	5·627	5·619	5·601	5·587	5·573	5·563	5·548	5·551	5·548	5·533	5·541	5·540	5·554	5·565	5·575	5·575	5·598	5·617	5·638	5·662	5·666	5·665	5·663	5·672	5·595	16
17	5·664	5·659	5·650	5·628	5·626	5·610	5·604	5·596	5·586	5·564	5·552	5·537	5·512	5·503	5·469	5·444	5·431	5·417	5·400	5·385	5·368	5·338	5·325	5·291	5·507	17
18	5·282	5·280	5·277	5·262	5·264	5·277	5·279	5·292	5·311	5·329	5·343	5·378	5·400	5·429	5·446	5·475	5·477	5·497	5·521	5·536	5·549	5·558	5·556	5·558	5·399	18
19	5·563	5·564	5·568	5·571	5·571	5·574	5·574	5·568	5·587	5·588	5·588	5·584	5·575	5·565	5·555	5·541	5·527	5·517	5·499	5·499	5·477	5·450	5·434	5·405	5·539	19
20	5·401	5·366	5·318	5·328	5·264	5·264	5·241	5·222	5·216	5·198	5·191	5·179	5·180	5·191	5·190	5·184	5·171	5·176	5·188	5·197	5·201	5·211	5·215	5·221	5·230	20
21	5·221	5·208	5·217	5·207	5·207	5·228	5·228	5·247	5·258	5·269	5·292	5·292	5·287	5·292	5·286	5·268	5·271	5·270	5·263	5·271	5·256	5·243	5·221	5·212	5·251	21
22	5·186	5·159	5·172	5·141	5·142	5·127	5·102	5·063	5·052	5·050	5·031	4·989	4·969	4·963	4·969	4·994	4·974	4·986	4·951	4·946	4·963	4·966	4·992	4·989	5·036	22
23	5·012	5·028	5·034	5·033	5·042	5·029	5·023	5·023	5·007	5·001	5·010	5·037	5·041	5·053	5·063	5·040	4·994	4·986	4·966	4·981	4·981	4·953	4·967	4·942	5·010	23
24	4·928	4·926	4·897	4·895	4·938	4·956	4·942	4·972	4·977	4·979	4·965	4·944	4·918	4·906	4·921	4·917	4·917	4·929	4·934	4·946	4·967	4·974	4·979	4·983	4·942	24
25	4·986	4·995	5·015	5·025	5·038	5·075	5·112	5·142	5·185	5·223	5·275	5·310	5·352	5·416	5·428	5·460	5·498	5·515	5·540	5·578	5·592	5·603	5·599	5·604	5·315	25
26	5·597	5·581	5·561	5·547	5·512	5·493	5·475	5·488	5·477	5·481	5·478	5·490	5·474	5·507	5·506	5·486	5·509	5·500	5·527	5·563	5·576	5·574	5·604	5·618	5·526	26
27	5·608	5·625	5·628	5·640	5·657	5·657	5·658	5·663	5·647	5·650	5·665	5·664	5·666	5·665	5·678	5·664	5·687	5·668	5·691	5·701	5·700	5·689	5·677	5·689	5·664	27
28	5·704	5·711	5·705	5·690	5·673	5·686	5·682	5·698	5·695	5·696	5·701	5·705	5·680	5·664	5·656	5·651	5·639	5·649	5·653	5·651	5·647	5·645	5·648	5·661	5·675	28
29																										29
30																										30
31																										31
MEANS.	5·484	5·480	5·475	5·469	5·465	5·468	5·466	5·472	5·476	5·479	5·484	5·484	5·483	5·488	5·488	5·490	5·490	5·496	5·500	5·510	5·511	5·509	5·514	5·510	5·487	MEANS.

MARCH 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·660	5·656	5·676	5·678	5·671	5·684	5·703	5·718	5·739	5·750	5·755	5·771	5·775	5·794	5·791	5·785	5·780	5·793	5·805	5·806	5·808	5·807	5·811	5·814	5·751	1
2	5·817	5·812	5·818	5·815	5·806	5·819	5·814	5·828	5·827	5·832	5·848	5·842	5·848	5·847	5·840	5·840	5·824	5·832	5·845	5·847	5·841	5·840	5·825	5·822	5·830	2
3	5·833	5·822	5·812	5·812	5·800	5·798	5·801	5·807	5·809	5·818	5·821	5·811	5·807	5·806	5·801	5·799	5·787	5·788	5·784	5·783	5·787	5·789	5·792	5·798	5·803	3
4	5·785	5·782	5·775	5·771	5·755	5·756	5·759	5·764	5·767	5·769	5·763	5·759	5·751	5·744	5·738	5·729	5·719	5·717	5·723	5·729	5·727	5·723	5·723	5·715	5·748	4
5	5·707	5·700	5·691	5·683	5·671	5·670	5·661	5·659	5·657	5·655	5·655	5·649	5·642	5·642	5·634	5·627	5·617	5·616	5·612	5·616	5·614	5·612	5·606	5·602	5·646	5
6	5·600	5·596	5·589	5·592	5·587	5·593	5·601	5·605	5·608	5·614	5·619	5·626	5·634	5·641	5·644	5·649	5·647	5·661	5·668	5·682	5·686	5·695	5·692	5·696	5·634	6
7	5·706	5·703	5·702	5·699	5·701	5·707	5·712	5·717	5·721	5·725	5·727	5·722	5·717	5·717	5·711	5·702	5·689	5·689	5·683	5·679	5·682	5·673	5·662	5·646	5·700	7
8	5·633	5·633	5·615	5·603	5·590	5·579	5·570	5·562	5·557	5·548	5·536	5·523	5·508	5·491	5·480	5·464	5·450	5·443	5·438	5·436	5·429	5·423	5·413	5·402	5·514	8
9	5·393	5·388	5·386	5·382	5·383	5·380	5·385	5·396	5·407	5·418	5·425	5·438	5·445	5·457	5·458	5·453	5·448	5·456	5·465	5·477	5·479	5·475	5·466	5·468	5·430	9
10	5·463	5·456	5·443	5·433	5·411	5·405	5·399	5·402	5·408	5·405	5·399	5·386	5·372	5·362	5·346	5·333	5·321	5·312	5·310	5·316	5·301	5·287	5·282	5·265	5·367	10
11	5·251	5·251	5·242	5·237	5·250	5·261	5·262	5·272	5·278	5·267	5·282	5·277	5·264	5·279	5·268	5·263	5·253	5·267	5·274	5·302	5·309	5·308	5·318	5·308	5·273	11
12	5·330	5·338	5·317	5·333	5·327	5·338	5·371	5·387	5·410	5·433	5·438	5·461	5·462	5·478	5·481	5·481	5·482	5·482	5·487	5·501	5·499	5·503	5·514	5·512	5·432	12
13	5·509	5·494	5·488	5·483	5·474	5·476	5·475	5·474	5·478	5·481	5·475	5·476	5·465	5·458	5·445	5·432	5·413	5·407	5·396	5·386	5·382	5·366	5·351	5·342	5·443	13
14	5·320	5·298	5·276	5·252	5·237	5·228	5·221	5·226	5·222	5·222	5·222	5·231	5·228	5·216	5·235	5·227	5·230	5·234	5·235	5·243	5·239	5·238	5·227	5·231	5·239	14
15	5·223	5·218	5·208	5·207	5·195	5·204	5·204	5·219	5·227	5·203	5·234	5·251	5·226	5·226	5·242	5·242	5·212	5·247	5·281	5·290	5·290	5·306	5·316	5·329	5·242	15
16	5·329	5·328	5·328	5·332	5·328	5·337	5·353	5·362	5·376	5·383	5·394	5·400	5·404	5·415	5·421	5·424	5·427	5·428	5·439	5·458	5·466	5·472	5·473	5·475	5·398	16
17	5·475	5·477	5·470	5·466	5·457	5·455	5·466	5·473	5·480	5·493	5·499	5·495	5·494	5·498	5·494	5·492	5·488	5·494	5·496	5·512	5·519	5·518	5·518	5·521	5·490	17
18	5·517	5·514	5·504	5·506	5·504	5·510	5·518	5·533	5·532	5·541	5·548	5·557	5·552	5·566	5·566	5·567	5·564	5·572	5·580	5·594	5·596	5·602	5·603	5·607	5·552	18
19	5·605	5·603	5·598	5·596	5·594	5·600	5·610	5·619	5·625	5·626	5·626	5·626	5·623	5·625	5·628	5·616	5·603	5·604	5·605	5·611	5·608	5·610	5·606	5·604	5·611	19
20	5·600	5·581	5·559	5·545	5·525	5·524	5·530	5·527	5·520	5·512	5·494	5·481	5·462	5·454	5·428	5·413	5·390	5·384	5·373	5·377	5·365	5·343	5·332	5·308	5·559	20
21	5·287	5·276	5·258	5·238	5·223	5·205	5·188	5·172	5·146	5·139	5·120	5·098	5·076	5·055	5·040	5·009	4·977	4·957	4·925	4·905	4·876	4·836	4·814	4·785	5·067	21
22	4·749	4·738	4·699	4·671	4·639	4·631	4·616	4·623	4·619	4·608	4·599	4·615	4·613	4·620	4·635	4·653	4·644	4·642	4·646	4·636	4·628	4·620	4·601	4·583	4·639	22
23	4·570	4·567	4·551	4·541	4·534	4·534	4·532	4·553	4·543	4·551	4·556	4·566	4·564	4·568	4·563	4·551	4·549	4·544	4·565	4·573	4·587	4·579	4·584	4·610	4·559	23
24	4·600	4·615	4·626	4·630	4·607	4·608	4·620	4·628	4·631	4·614	4·612	4·623	4·618	4·624	4·629	4·620	4·625	4·641	4·657	4·690	4·713	4·721	4·735	4·745	4·643	24
25	4·750	4·743	4·730	4·729	4·737	4·759	4·790	4·822	4·849	4·871	4·892	4·918	4·990	5·033	5·066	5·105	5·113	5·134	5·171	5·197	5·216	5·247	5·260	5·266	4·974	25
26	5·284	5·293	5·305	5·319	5·313	5·328	5·343	5·346	5·352	5·362	5·361	5·361	5·345	5·340	5·315	5·291	5·269	5·242	5·219	5·195	5·187	5·145	5·133	5·090	5·281	26
27	5·049	4·991	4·977	5·007	5·026	5·034	5·036	5·041	5·044	5·035	5·063	5·071	5·084	5·103	5·103	5·131	5·128	5·139	5·154	5·169	5·189	5·207	5·231	5·266	5·095	27
28	5·282	5·273	5·298	5·332	5·357	5·391	5·401	5·431	5·439	5·455	5·487	5·502	5·522	5·550	5·558	5·571	5·574	5·599	5·613	5·627	5·639	5·642	5·641	5·642	5·493	28
29	5·642	5·636	5·634	5·630	5·633	5·641	5·646	5·656	5·660	5·668	5·670	5·675	5·675	5·676	5·678	5·675	5·672	5·678	5·684	5·693	5·693	5·692	5·692	5·690	5·666	29
30	5·689	5·693	5·687	5·680	5·680	5·681	5·688	5·698	5·697	5·703	5·696	5·701	5·691	5·674	5·679	5·662	5·647	5·623	5·613	5·608	5·597	5·584	5·567	5·545	5·658	30
31	5·518	5·498	5·468	5·444	5·411	5·405	5·373	5·351	5·319	5·268	5·239	5·205	5·164	5·201	5·161	5·190	5·189	5·217	5·244	5·224	5·266	5·316	5·346	5·324	5·306	31
MEANS.	5·393	5·386	5·378	5·376	5·369	5·376	5·376	5·383	5·385	5·386	5·389	5·391	5·388	5·392	5·390	5·387	5·378	5·382	5·387	5·392	5·394	5·393	5·391	5·387	5·388	MEANS.

APRIL 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·320	5·323	5·293	5·357	5·341	5·351	5·321	5·368	5·372	5·383	5·381	5·407	5·403	5·400	5·373	5·348	5·337	5·348	5·340	5·344	5·333	5·328	5·316	5·301	5·350	1
2	5·286	5·280	5·267	5·261	5·280	5·297	5·303	5·318	5·326	5·331	5·339	5·350	5·349	5·368	5·374	5·369	5·377	5·400	5·416	5·430	5·437	5·441	5·438	5·434	5·353	2
3	5·422	5·407	5·412	5·414	5·398	5·403	5·411	5·408	5·395	5·391	5·380	5·380	5·372	5·368	5·356	5·322	5·304	5·296	5·283	5·280	5·262	5·233	5·214	5·192	5·346	3
4	5·144	5·103	5·071	5·025	5·021	4·992	4·978	4·969	4·954	4·950	4·937	4·941	4·936	4·926	4·918	4·917	4·898	4·898	4·902	4·907	4·911	4·901	4·901	4·903	4·958	4
5	4·895	4·904	4·903	4·915	4·921	4·928	4·937	4·951	4·986	5·036	5·048	5·100	5·121	5·184	5·195	5·198	5·223	5·248	5·271	5·266	5·292	5·325	5·369	5·389	5·109	5
6	5·415	5·428	5·431	5·446	5·453	5·470	5·462	5·468	5·491	5·506	5·522	5·519	5·523	5·527	5·525	5·531	5·531	5·538	5·542	5·550	5·552	5·554	5·553	5·553	5·504	6
7	5·555	5·551	5·549	5·554	5·556	5·568	5·576	5·582	5·597	5·606	5·616	5·626	5·637	5·648	5·642	5·644	5·645	5·657	5·661	5·667	5·672	5·677	5·680	5·676	5·618	7
8	5·673	5·671	5·670	5·663	5·662	5·650	5·650	5·652	5·653	5·654	5·658	5·654	5·661	5·662	5·654	5·655	5·647	5·654	5·665	5·675	5·671	5·676	5·676	5·677	5·662	8
9	5·673	5·671	5·672	5·671	5·669	5·671	5·677	5·688	5·690	5·693	5·697	5·704	5·708	5·716	5·712	5·715	5·704	5·707	5·707	5·714	5·718	5·714	5·715	5·715	5·697	9
10	5·706	5·697	5·693	5·689	5·685	5·686	5·687	5·689	5·692	5·694	5·692	5·689	5·692	5·687	5·681	5·676	5·665	5·661	5·657	5·663	5·663	5·660	5·648	5·646	5·679	10
11	5·636	5·633	5·630	5·628	5·621	5·626	5·626	5·631	5·630	5·633	5·635	5·631	5·630	5·627	5·624	5·612	5·608	5·598	5·601	5·618	5·615	5·610	5·608	5·597	5·621	11
12	5·598	5·584	5·578	5·578	5·571	5·575	5·581	5·586	5·593	5·597	5·603	5·611	5·615	5·621	5·620	5·614	5·608	5·610	5·611	5·619	5·624	5·615	5·619	5·617	5·602	12
13	5·615	5·601	5·601	5·594	5·579	5·589	5·582	5·594	5·608	5·606	5·622	5·631	5·629	5·631	5·627	5·636	5·618	5·631	5·633	5·651	5·656	5·645	5·648	5·652	5·620	13
14	5·609	5·630	5·631	5·647	5·647	5·665	5·667	5·673	5·688	5·701	5·708	5·715	5·721	5·730	5·730	5·727	5·717	5·713	5·705	5·715	5·717	5·703	5·699	5·694	5·690	14
15	5·687	5·683	5·681	5·677	5·668	5·676	5·677	5·687	5·693	5·703	5·711	5·722	5·728	5·737	5·743	5·747	5·753	5·759	5·768	5·793	5·797	5·800	5·805	5·810	5·729	15
16	5·811	5·812	5·808	5·807	5·811	5·827	5·836	5·845	5·858	5·859	5·864	5·872	5·875	5·885	5·887	5·881	5·880	5·884	5·892	5·900	5·899	5·896	5·884	5·889	5·861	16
17	5·884	5·883	5·883	5·875	5·862	5·867	5·861	5·856	5·865	5·867	5·863	5·869	5·871	5·879	5·868	5·853	5·845	5·847	5·850	5·857	5·858	5·846	5·846	5·847	5·863	17
18	5·824	5·812	5·804	5·799	5·789	5·772	5·782	5·776	5·767	5·772	5·769	5·770	5·763	5·760	5·750	5·743	5·718	5·723	5·709	5·715	5·703	5·702	5·700	5·694	5·755	18
19	5·682	5·665	5·659	5·644	5·626	5·622	5·623	5·616	5·605	5·599	5·598	5·588	5·564	5·550	5·540	5·532	5·517	5·495	5·483	5·484	5·474	5·466	5·458	5·447	5·564	19
20	5·435	5·430	5·420	5·415	5·397	5·388	5·386	5·372	5·352	5·341	5·334	5·326	5·321	5·328	5·330	5·337	5·332	5·341	5·342	5·352	5·345	5·340	5·326	5·296	5·358	20
21	5·284	5·264	5·254	5·224	5·196	5·185	5·163	5·145	5·129	5·102	5·080	5·061	5·042	5·024	5·006	4·972	4·949	4·939	4·931	4·926	4·916	4·896	4·883	4·873	5·060	21
22	4·856	4·840	4·832	4·818	4·797	4·792	4·786	4·785	4·791	4·786	4·787	4·789	4·774	4·770	4·767	4·760	4·741	4·736	4·722	4·721	4·709	4·704	4·690	4·677	4·768	22
23	4·652	4·638	4·627	4·616	4·607	4·607	4·604	4·600	4·599	4·608	4·611	4·612	4·614	4·610	4·608	4·599	4·599	4·599	4·600	4·612	4·619	4·616	4·620	4·617	4·612	23
24	4·612	4·608	4·603	4·600	4·596	4·610	4·624	4·633	4·641	4·647	4·662	4·674	4·683	4·693	4·705	4·716	4·717	4·713	4·722	4·734	4·729	4·726	4·723	4·742	4·671	24
25	4·750	4·740	4·739	4·749	4·766	4·774	4·789	4·812	4·833	4·857	4·885	4·898	4·923	4·932	4·961	4·972	4·963	4·973	4·984	5·007	5·022	5·022	5·020	5·020	4·891	25
26	5·020	5·015	5·006	5·003	4·987	4·990	4·969	4·958	4·950	4·943	4·943	4·938	4·951	4·973	4·981	5·003	5·003	5·022	5·034	5·056	5·067	5·073	5·080	5·075	5·002	26
27	5·075	5·070	5·072	5·069	5·061	5·057	5·057	5·059	5·057	5·055	5·052	5·055	5·050	5·053	5·037	5·041	5·032	5·030	5·029	5·049	5·053	5·059	5·069	5·079	5·055	27
28	5·093	5·104	5·115	5·125	5·125	5·146	5·161	5·179	5·194	5·210	5·221	5·229	5·239	5·253	5·266	5·264	5·264	5·271	5·279	5·294	5·306	5·316	5·321	5·320	5·221	28
29	5·320	5·318	5·323	5·326	5·327	5·334	5·342	5·351	5·363	5·372	5·381	5·389	5·392	5·397	5·411	5·416	5·414	5·425	5·428	5·450	5·465	5·465	5·471	5·475	5·390	29
30	5·476	5·479	5·483	5·484	5·474	5·479	5·489	5·496	5·498	5·503	5·509	5·507	5·507	5·516	5·510	5·508	5·504	5·501	5·503	5·514	5·514	5·508	5·503	5·501	5·499	30
31																										31
MEANS.	5·367	5·361	5·357	5·356	5·350	5·353	5·354	5·358	5·362	5·367	5·370	5·375	5·376	5·382	5·380	5·377	5·370	5·374	5·376	5·385	5·387	5·384	5·383	5·380	5·370	MEANS.

MAY 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·492	5·474	5·462	5·457	5·449	5·453	5·453	5·459	5·457	5·451	5·441	5·441	5·435	5·432	5·414	5·400	5·375	5·363	5·349	5·343	5·338	5·316	5·296	5·283	5·410	1
2	5·270	5·255	5·246	5·235	5·225	5·226	5·224	5·227	5·221	5·224	5·227	5·231	5·233	5·240	5·235	5·227	5·221	5·217	5·220	5·226	5·231	5·220	5·214	5·201	5·229	2
3	5·187	5·179	5·169	5·153	5·147	5·143	5·143	5·138	5·133	5·129	5·131	5·124	5·122	5·121	5·116	5·109	5·099	5·092	5·092	5·099	5·095	5·096	5·094	5·085	5·125	3
4	5·079	5·075	5·068	5·066	5·062	5·061	5·061	5·069	5·070	5·073	5·082	5·087	5·094	5·102	5·103	5·103	5·102	5·107	5·108	5·119	5·123	5·127	5·130	5·135	5·092	4
5	5·136	5·145	5·147	5·144	5·139	5·150	5·165	5·177	5·186	5·195	5·213	5·226	5·235	5·234	5·235	5·242	5·235	5·233	5·239	5·265	5·274	5·281	5·284	5·285	5·211	5
6	5·286	5·286	5·288	5·288	5·289	5·298	5·306	5·317	5·321	5·343	5·355	5·364	5·366	5·382	5·386	5·383	5·384	5·386	5·393	5·412	5·426	5·427	5·428	5·429	5·356	6
7	5·431	5·433	5·445	5·445	5·447	5·466	5·486	5·494	5·508	5·519	5·531	5·542	5·561	5·579	5·576	5·585	5·591	5·601	5·606	5·613	5·618	5·632	5·634	5·637	5·541	7
8	5·628	5·629	5·630	5·635	5·626	5·639	5·642	5·641	5·641	5·643	5·646	5·634	5·630	5·631	5·605	5·594	5·584	5·577	5·573	5·570	5·587	5·589	5·584	5·591	5·615	8
9	5·592	5·582	5·582	5·579	5·578	5·576	5·590	5·591	5·592	5·594	5·589	5·597	5·596	5·613	5·604	5·592	5·600	5·594	5·603	5·600	5·611	5·611	5·600	5·597	5·594	9
10	5·602	5·599	5·609	5·591	5·585	5·598	5·618	5·631	5·635	5·642	5·650	5·654	5·649	5·657	5·665	5·656	5·652	5·643	5·643	5·640	5·626	5·612	5·597	5·596	5·627	10
11	5·584	5·576	5·567	5·555	5·541	5·533	5·530	5·526	5·520	5·518	5·520	5·522	5·526	5·533	5·539	5·538	5·527	5·525	5·537	5·551	5·568	5·577	5·583	5·582	5·545	11
12	5·580	5·580	5·582	5·589	5·582	5·582	5·584	5·592	5·589	5·597	5·602	5·603	5·601	5·608	5·618	5·627	5·623	5·637	5·640	5·668	5·666	5·687	5·678	5·677	5·616	12
13	5·683	5·697	5·697	5·701	5·697	5·698	5·710	5·721	5·736	5·745	5·759	5·764	5·771	5·795	5·797	5·801	5·792	5·792	5·801	5·810	5·816	5·818	5·820	5·823	5·760	13
14	5·817	5·809	5·811	5·813	5·815	5·827	5·835	5·836	5·848	5·848	5·850	5·850	5·852	5·855	5·856	5·857	5·854	5·849	5·851	5·859	5·853	5·856	5·858	5·841	5·842	14
15	5·828	5·824	5·840	5·839	5·838	5·845	5·845	5·848	5·862	5·861	5·862	5·865	5·858	5·863	5·857	5·849	5·837	5·830	5·827	5·834	5·829	5·824	5·808	5·792	5·840	15
16	5·775	5·769	5·758	5·753	5·747	5·750	5·746	5·748	5·740	5·732	5·726	5·725	5·718	5·715	5·707	5·680	5·662	5·641	5·622	5·611	5·594	5·581	5·555	5·539	5·691	16
17	5·516	5·508	5·499	5·477	5·453	5·432	5·420	5·413	5·394	5·379	5·374	5·375	5·359	5·352	5·341	5·344	5·328	5·326	5·332	5·327	5·328	5·332	5·315	5·316	5·385	17
18	5·314	5·310	5·310	5·305	5·304	5·313	5·312	5·318	5·313	5·312	5·313	5·312	5·308	5·315	5·295	5·277	5·256	5·248	5·218	5·191	5·184	5·165	5·135	5·115	5·265	18
19	5·063	5·038	5·035	5·035	5·023	5·012	5·015	5·019	5·014	5·011	5·014	5·004	4·993	4·996	4·977	4·955	4·925	4·898	4·878	4·859	4·835	4·805	4·781	4·765	4·956	19
20	4·743	4·742	4·735	4·734	4·731	4·741	4·753	4·755	4·754	4·766	4·771	4·781	4·799	4·825	4·840	4·851	4·847	4·862	4·871	4·868	4·865	4·853	4·847	4·832	4·799	20
21	4·818	4·808	4·798	4·794	4·797	4·798	4·808	4·829	4·844	4·859	4·878	4·893	4·898	4·920	4·931	4·938	4·944	4·963	4·998	5·016	5·024	5·053	5·071	5·073	4·906	21
22	5·092	5·110	5·112	5·119	5·134	5·146	5·159	5·188	5·200	5·219	5·231	5·248	5·263	5·287	5·302	5·310	5·306	5·322	5·332	5·344	5·353	5·359	5·359	5·364	5·244	22
23	5·370	5·370	5·370	5·374	5·381	5·398	5·412	5·421	5·426	5·444	5·456	5·470	5·482	5·505	5·510	5·528	5·522	5·527	5·537	5·556	5·572	5·585	5·594	5·602	5·476	23
24	5·610	5·618	5·634	5·641	5·646	5·659	5·671	5·684	5·698	5·714	5·723	5·736	5·744	5·758	5·778	5·787	5·791	5·791	5·798	5·809	5·810	5·810	5·811	5·815	5·731	24
25	5·814	5·818	5·816	5·813	5·809	5·814	5·814	5·816	5·825	5·826	5·828	5·832	5·830	5·844	5·841	5·835	5·833	5·828	5·829	5·845	5·838	5·835	5·816	5·820	5·826	25
26	5·821	5·812	5·809	5·805	5·804	5·798	5·807	5·825	5·826	5·835	5·844	5·847	5·851	5·858	5·857	5·854	5·839	5·836	5·835	5·832	5·837	5·828	5·820	5·795	5·828	26
27	5·780	5·772	5·758	5·742	5·735	5·717	5·697	5·722	5·719	5·719	5·719	5·713	5·714	5·707	5·706	5·707	5·695	5·690	5·687	5·688	5·686	5·680	5·670	5·664	5·712	27
28	5·658	5·644	5·631	5·615	5·606	5·596	5·589	5·580	5·574	5·595	5·610	5·614	5·632	5·622	5·623	5·630	5·610	5·602	5·589	5·590	5·587	5·578	5·564	5·560	5·604	28
29	5·553	5·527	5·527	5·506	5·499	5·501	5·502	5·493	5·512	5·515	5·509	5·521	5·520	5·530	5·526	5·528	5·514	5·509	5·509	5·518	5·529	5·525	5·521	5·518	5·517	29
30	5·519	5·513	5·515	5·512	5·510	5·518	5·521	5·526	5·536	5·547	5·562	5·571	5·583	5·601	5·605	5·606	5·599	5·610	5·617	5·621	5·623	5·622	5·630	5·628	5·571	30
31	5·622	5·613	5·615	5·610	5·610	5·607	5·613	5·616	5·618	5·624	5·632	5·634	5·634	5·642	5·637	5·633	5·627	5·624	5·621	5·622	5·621	5·627	5·625	5·612	5·622	31
MEANS.	5·460	5·455	5·454	5·449	5·445	5·448	5·453	5·459	5·462	5·467	5·473	5·477	5·479	5·488	5·487	5·485	5·477	5·475	5·476	5·481	5·482	5·481	5·475	5·470	5·469	MEANS.

JUNE 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·602	5·593	5·582	5·573	5·561	5·555	5·551	5·546	5·537	5·530	5·519	5·506	5·504	5·487	5·487	5·485	5·466	5·467	5·466	5·464	5·461	5·441	5·439	5·448	5·511	1
2	5·430	5·417	5·392	5·385	5·382	5·385	5·388	5·388	5·399	5·404	5·401	5·408	5·407	5·404	5·409	5·407	5·398	5·390	5·385	5·394	5·385	5·391	5·391	5·385	5·397	2
3	5·383	5·380	5·379	5·371	5·374	5·374	5·383	5·394	5·403	5·410	5·413	5·421	5·434	5·442	5·440	5·445	5·440	5·441	5·441	5·442	5·451	5·448	5·447	5·441	5·417	3
4	5·429	5·415	5·418	5·415	5·419	5·415	5·414	5·414	5·418	5·423	5·422	5·423	5·414	5·396	5·391	5·408	5·404	5·406	5·412	5·429	5·433	5·440	5·442	5·440	5·418	4
5	5·442	5·444	5·443	5·450	5·446	5·457	5·469	5·478	5·482	5·491	5·497	5·509	5·515	5·527	5·534	5·532	5·533	5·534	5·531	5·531	5·527	5·523	5·519	5·507	5·497	5
6	5·503	5·502	5·482	5·478	5·469	5·466	5·465	5·470	5·465	5·467	5·467	5·467	5·456	5·466	5·457	5·450	5·433	5·429	5·425	5·423	5·418	5·403	5·380	5·367	5·450	6
7	5·349	5·322	5·293	5·256	5·234	5·212	5·193	5·176	5·156	5·115	5·089	5·077	5·087	5·087	5·105	5·145	5·166	5·181	5·191	5·201	5·214	5·232	5·236	5·241	5·190	7
8	5·242	5·244	5·238	5·236	5·248	5·252	5·259	5·257	5·281	5·297	5·309	5·314	5·316	5·325	5·334	5·335	5·350	5·334	5·329	5·320	5·300	5·291	5·295	5·297	5·292	8
9	5·297	5·268	5·266	5·276	5·274	5·279	5·282	5·296	5·316	5·341	5·370	5·387	5·417	5·456	5·477	5·503	5·520	5·540	5·553	5·591	5·609	5·630	5·644	5·654	5·427	9
10	5·671	5·680	5·685	5·708	5·719	5·733	5·749	5·762	5·777	5·792	5·797	5·811	5·818	5·828	5·826	5·823	5·816	5·817	5·812	5·815	5·810	5·801	5·797	5·778	5·776	10
11	5·768	5·760	5·742	5·729	5·714	5·695	5·684	5·673	5·666	5·666	5·641	5·637	5·622	5·617	5·602	5·589	5·576	5·550	5·558	5·555	5·562	5·566	5·553	5·544	5·636	11
12	5·522	5·512	5·506	5·501	5·472	5·462	5·459	5·458	5·454	5·450	5·447	5·429	5·436	5·439	5·419	5·421	5·406	5·394	5·394	5·393	5·399	5·400	5·410	5·403	5·441	12
13	5·399	5·401	5·402	5·402	5·404	5·418	5·429	5·440	5·453	5·448	5·446	5·424	5·418	5·425	5·423	5·422	5·439	5·447	5·466	5·475	5·491	5·511	5·523	5·537	5·443	13
14	5·550	5·563	5·577	5·585	5·608	5·614	5·618	5·629	5·629	5·626	5·644	5·650	5·650	5·651	5·644	5·640	5·644	5·644	5·637	5·632	5·628	5·636	5·629	5·633	5·623	14
15	5·628	5·634	5·636	5·647	5·663	5·674	5·680	5·698	5·714	5·709	5·736	5·746	5·763	5·760	5·762	5·776	5·784	5·794	5·786	5·784	5·788	5·797	5·803	5·795	5·732	15
16	5·790	5·790	5·790	5·788	5·792	5·799	5·813	5·824	5·824	5·831	5·841	5·848	5·850	5·858	5·857	5·862	5·877	5·870	5·888	5·878	5·889	5·885	5·890	5·885	5·842	16
17	5·888	5·888	5·884	5·881	5·885	5·895	5·899	5·897	5·892	5·887	5·892	5·888	5·878	5·881	5·879	5·877	5·884	5·875	5·877	5·872	5·879	5·874	5·871	5·874	5·883	17
18	5·875	5·872	5·870	5·874	5·874	5·881	5·896	5·884	5·903	5·891	5·903	5·903	5·904	5·905	5·891	5·896	5·904	5·898	5·898	5·893	5·891	5·889	5·886	5·883	5·890	18
19	5·877	5·869	5·867	5·868	5·864	5·868	5·877	5·882	5·877	5·881	5·876	5·876	5·883	5·877	5·880	5·872	5·875	5·873	5·881	5·870	5·877	5·883	5·882	5·881	5·876	19
20	5·880	5·879	5·874	5·873	5·885	5·885	5·887	5·891	5·892	5·899	5·913	5·922	5·925	5·919	5·921	5·923	5·955	5·930	5·927	5·921	5·917	5·930	5·925	5·922	5·908	20
21	5·914	5·907	5·903	5·899	5·900	5·910	5·905	5·917	5·926	5·926	5·937	5·933	5·939	5·939	5·937	5·937	5·945	5·943	5·945	5·936	5·942	5·940	5·943	5·939	5·928	21
22	5·941	5·931	5·921	5·922	5·919	5·928	5·935	5·949	5·953	5·952	5·962	5·969	5·966	5·969	5·967	5·952	5·946	5·942	5·937	5·941	5·942	5·940	5·930	5·929	5·943	22
23	5·922	5·910	5·902	5·898	5·895	5·898	5·894	5·900	5·909	5·908	5·917	5·917	5·922	5·913	5·912	5·910	5·908	5·921	5·922	5·912	5·917	5·926	5·930	5·929	5·912	23
24	5·929	5·921	5·914	5·919	5·925	5·930	5·931	5·939	5·945	5·939	5·941	5·940	5·941	5·937	5·933	5·933	5·936	5·934	5·929	5·926	5·929	5·931	5·927	5·923	5·931	24
25	5·915	5·910	5·899	5·890	5·882	5·880	5·885	5·889	5·882	5·878	5·879	5·877	5·871	5·860	5·851	5·846	5·843	5·838	5·840	5·837	5·829	5·833	5·827	5·825	5·865	25
26	5·816	5·810	5·804	5·801	5·795	5·797	5·799	5·800	5·802	5·804	5·803	5·804	5·805	5·807	5·803	5·794	5·781	5·770	5·766	5·759	5·752	5·741	5·727	5·712	5·786	26
27	5·699	5·693	5·673	5·654	5·629	5·635	5·628	5·634	5·634	5·630	5·642	5·641	5·643	5·653	5·649	5·657	5·657	5·658	5·663	5·668	5·681	5·682	5·672	5·678	5·656	27
28	5·683	5·686	5·698	5·704	5·702	5·708	5·709	5·721	5·736	5·736	5·749	5·758	5·764	5·776	5·778	5·794	5·796	5·806	5·809	5·828	5·841	5·852	5·863	5·861	5·765	28
29	5·870	5·868	5·870	5·879	5·881	5·885	5·894	5·903	5·913	5·924	5·925	5·931	5·937	5·949	5·949	5·947	5·942	5·943	5·938	5·944	5·969	5·969	5·967	5·968	5·924	29
30	5·942	5·935	5·926	5·921	5·916	5·920	5·924	5·931	5·938	5·938	5·937	5·938	5·937	5·939	5·934	5·926	5·910	5·906	5·902	5·893	5·891	5·886	5·883	5·872	5·919	30
31																										31
MEANS.	5·672	5·667	5·661	5·659	5·658	5·660	5·663	5·668	5·673	5·673	5·677	5·678	5·681	5·683	5·682	5·684	5·684	5·682	5·684	5·684	5·687	5·689	5·688	5·692	5·676	MEANS.

JULY 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·868	5·849	5·835	5·831	5·815	5·808	5·802	5·802	5·796	5·791	5·789	5·777	5·768	5·759	5·749	5·736	5·721	5·712	5·699	5·700	5·700	5·694	5·680	5·687	5·765	1
2	5·679	5·666	5·668	5·669	5·662	5·657	5·663	5·669	5·676	5·680	5·688	5·692	5·694	5·700	5·701	5·707	5·699	5·691	5·694	5·695	5·695	5·693	5·684	5·672	5·683	2
3	5·664	5·652	5·639	5·628	5·611	5·605	5·599	5·592	5·588	5·570	5·551	5·543	5·535	5·532	5·526	5·525	5·519	5·498	5·496	5·472	5·484	5·473	5·474	5·470	5·552	3
4	5·464	5·459	5·444	5·442	5·437	5·427	5·435	5·433	5·434	5·431	5·433	5·428	5·424	5·430	5·429	5·423	5·418	5·417	5·419	5·429	5·432	5·434	5·432	5·427	5·433	4
5	5·427	5·425	5·424	5·420	5·416	5·422	5·429	5·434	5·442	5·448	5·456	5·461	5·458	5·471	5·477	5·478	5 478	5·484	5·492	5·507	5·518	5·518	5·519	5·523	5·464	5
6	5·518	5·519	5·513	5·510	5·502	5·509	5·513	5·516	5·522	5·522	5·523	5·520	5·521	5·521	5·513	5·513	5·519	5·508	5·496	5·501	5·501	5·495	5·485	5·475	5·510	6
7	5·480	5·481	5·477	5·478	5·475	5·482	5·488	5·488	5·488	5·494	5·496	5·497	5·503	5·516	5·527	5·527	5·528	5·527	5·533	5·540	5·536	5·542	5·541	5·539	5·508	7
8	5·533	5·530	5·515	5·508	5·500	5·487	5·484	5·479	5·486	5·484	5·472	5·473	5·450	5·434	5·428	5·417	5·404	5·391	5·370	5·359	5·355	5·342	5·337	5·314	5·440	8
9	5·309	5·300	5·277	5·275	5·265	5·252	5·249	5·248	5·254	5·251	5·256	5·259	5·263	5·257	5·258	5·250	5·239	5·215	5·213	5·201	5·183	5·162	5·132	5·116	5·237	9
10	5·092	5·071	5·042	5·035	5·025	5·024	5·030	5·039	5·049	5·058	5·081	5·099	5·116	5·136	5·140	5·143	5·141	5·147	5·149	5·147	5·148	5·153	5·153	5·155	5·099	10
11	5·164	5·169	5·171	5·172	5·174	5·177	5·187	5·197	5·202	5·211	5·220	5·218	5·228	5·244	5·249	5·253	5·248	5·249	5·266	5·276	5·290	5·286	5·286	5·288	5·226	11
12	5·284	5·277	5·279	5·269	5·253	5·255	5·248	5·258	5·258	5·260	5·254	5·245	5·248	5·247	5·232	5·226	5·201	5·192	5·187	5·173	5·165	5·163	5·165	5·154	5·229	12
13	5·144	5·139	5·144	5·141	5·137	5·134	5·136	5·129	5·124	5·126	5·124	5·124	5·117	5·112	5·101	5·100	5·094	5·088	5·070	5·070	5·066	5·060	5·078	5·100	5·111	13
14	5·100	5·101	5·097	5·090	5·106	5·146	5·177	5·211	5·226	5·252	5·266	5·287	5·313	5·339	5·343	5·356	5·363	5·374	5·376	5·396	5·406	5·419	5·430	5·443	5·276	14
15	5·448	5·451	5·449	5·452	5·455	5·463	5·478	5·492	5·499	5·503	5·517	5·525	5·534	5·543	5·560	5·569	5·573	5·573	5·578	5·595	5·607	5·614	5·626	5·632	5·531	15
16	5·634	5·632	5·643	5·652	5·659	5·668	5·679	5·689	5·706	5·709	5·720	5·730	5·737	5·744	5·749	5·750	5·744	5·741	5·748	5·761	5·765	5·764	5·767	5·766	5·715	16
17	5·764	5·763	5·770	5·763	5·759	5·763	5·763	5·776	5·786	5·785	5·794	5·787	5·791	5·801	5·792	5·792	5·781	5·780	5·778	5·778	5·771	5·758	5·740	5·737	5·774	17
18	5·719	5·709	5·692	5·683	5·674	5·679	5·681	5·691	5·691	5·698	5·696	5·699	5·703	5·712	5·715	5·714	5·712	5·714	5·714	5·722	5·728	5·730	5·730	5·732	5·706	18
19	5·731	5·735	5·730	5·737	5·737	5·746	5·755	5·768	5·778	5·786	5·795	5·795	5·810	5·822	5·815	5·816	5·815	5·812	5·805	5·813	5·808	5·797	5·787	5·785	5·782	19
20	5·770	5·766	5·759	5·753	5·751	5·751	5·757	5·759	5·773	5·775	5·777	5·782	5·781	5·792	5·789	5·775	5·771	5·773	5·767	5·760	5·761	5·755	5·750	5·757	5·767	20
21	5·745	5·742	5·731	5·732	5·725	5·731	5·724	5·722	5·712	5·708	5·700	5·695	5·701	5·693	5·696	5·672	5·651	5·641	5·631	5·616	5·600	5·582	5·567	5·561	5·678	21
22	5·535	5·500	5·482	5·462	5·441	5·434	5·441	5·440	5·432	5·439	5·442	5·430	5·444	5·449	5·452	5·445	5·433	5·434	5·442	5·450	5·458	5·457	5·451	5·460	5·452	22
23	5·447	5·446	5·439	5·451	5·452	5·461	5·458	5·466	5·478	5·488	5·498	5·498	5·501	5·502	5·490	5·473	5·443	5·422	5·400	5·375	5·352	5·307	5·269	5·244	5·432	23
24	5·253	5·248	5·245	5·217	5·205	5·201	5·199	5·196	5·187	5·184	5·195	5·191	5·192	5·209	5·213	5·217	5·218	5·213	5·227	5·231	5·228	5·243	5·247	5·248	5·217	24
25	5·249	5·249	5·247	5·247	5·236	5·239	5·247	5·249	5·248	5·249	5·256	5·259	5·260	5·271	5·271	5·271	5·261	5·256	5·255	5·259	5·261	5·253	5·242	5·235	5·253	25
26	5·227	5·207	5·190	5·184	5·167	5·166	5·153	5·142	5·105	5·082	5·053	5·025	5·012	4·970	4·956	4·922	4·861	4·837	4·801	4·801	4·794	4·805	4·810	4·818	5·004	26
27	4·806	4·807	4·785	4·788	4·784	4·792	4·791	4·793	4·801	4·815	4·828	4·840	4·865	4·903	4·918	4·937	4·957	4·993	5·027	5·061	5·114	5·125	5·121	5·145	4·908	27
28	5·158	5·176	5·184	5·200	5·206	5·234	5·240	5·255	5·265	5·257	5·274	5·278	5·274	5·289	5·274	5·263	5·254	5·246	5·230	5·247	5·227	5·203	5·202	5·180	5·234	28
29	5·165	5·153	5·135	5·106	5·073	5·072	5·087	5·068	5·059	5·094	5·103	5·109	5·119	5·140	5·177	5·187	5·199	5·202	5·215	5·234	5·253	5·280	5·288	5·311	5·160	29
30	5·318	5·326	5·342	5·363	5·376	5·389	5·409	5·427	5·446	5·457	5·465	5·475	5·486	5·496	5·508	5·505	5·508	5·510	5·515	5·523	5·529	5·535	5·533	5·534	5·457	30
31	5·529	5·525	5·519	5·510	5·511	5·517	5·521	5·530	5·537	5·547	5·553	5·549	5·550	5·562	5·561	5·562	5·559	5·569	5·575	5·593	5·606	5·615	5·617	5·620	5·556	31
MEANS.	5·427	5·422	5·415	5·412	5·406	5·409	5·414	5·418	5·421	5·424	5·428	5·429	5·432	5·439	5·439	5·436	5·429	5·426	5·425	5·429	5·430	5·428	5·424	5·423	5·424	MEANS.

AUGUST 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000+inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·618	5·617	5·616	5·617	5·616	5·627	5·644	5·657	5·670	5·673	5·673	5·676	5·673	5·672	5·672	5·662	5·646	5·635	5·641	5·637	5·636	5·629	5·627	5·620	5·644	1
2	5·604	5·601	5·595	5·598	5·607	5·623	5·637	5·654	5·679	5·689	5·701	5·715	5·723	5·732	5·745	5·751	5·758	5·758	5·765	5·776	5·776	5·785	5·792	5·781	5·702	2
3	5·786	5·782	5·776	5·772	5·771	5·777	5·786	5·798	5·801	5·809	5·808	5·814	5·815	5·825	5·829	5·823	5·819	5·819	5·818	5·832	5·831	5·826	5·826	5·820	5·807	3
4	5·811	5·806	5·799	5·797	5·791	5·786	5·792	5·797	5·797	5·794	5·795	5·792	5·793	5·793	5·786	5·778	5·767	5·759	5·755	5·752	5·748	5·741	5·733	5·727	5·779	4
5	5·720	5·717	5·698	5·694	5·675	5·677	5·673	5·667	5·656	5·657	5·654	5·653	5·643	5·655	5·644	5·637	5·620	5·620	5·602	5·592	5·590	5·593	5·590	5·584	5·646	5
6	5·571	5·558	5·547	5·543	5·521	5·523	5·533	5·538	5·529	5·521	5·518	5·517	5·494	5·486	5·493	5·481	5·444	5·441	5·417	5·410	5·392	5·366	5·350	5·333	5·480	6
7	5·323	5·335	5·348	5·350	5·358	5·385	5·412	5·444	5·464	5·482	5·505	5·521	5·533	5·558	5·554	5·555	5·532	5·530	5·528	5·521	5·511	5·519	5·499	5·469	5·469	7
8	5·499	5·471	5·456	5·436	5·440	5·429	5·451	5·463	5·465	5·474	5·467	5·481	5·489	5·497	5·487	5·485	5·469	5·472	5·442	5·473	5·469	5·478	5·462	5·467	5·468	8
9	5·462	5·465	5·466	5·453	5·456	5·460	5·461	5·478	5·472	5·479	5·481	5·490	5·493	5·510	5·497	5·493	5·467	5·470	5·475	5·507	5·507	5·505	5·504	5·503	5·481	9
10	5·520	5·524	5·520	5·539	5·557	5·570	5·560	5·595	5·592	5·621	5·634	5·636	5·634	5·657	5·653	5·648	5·643	5·637	5·641	5·646	5·639	5·630	5·619	5·600	5·605	10
11	5·592	5·568	5·552	5·545	5·533	5·529	5·520	5·522	5·525	5·534	5·540	5·539	5·544	5·547	5·547	5·545	5·531	5·526	5·523	5·527	5·528	5·517	5·508	5·495	5·535	11
12	5·483	5·470	5·457	5·440	5·426	5·421	5·418	5·411	5·413	5·414	5·411	5·408	5·411	5·407	5·402	5·397	5·395	5·390	5·393	5·403	5·412	5·416	5·417	5·418	5·418	12
13	5·413	5·408	5·410	5·405	5·396	5·393	5·400	5·401	5·408	5·412	5·421	5·434	5·439	5·444	5·442	5·435	5·426	5·424	5·428	5·432	5·438	5·435	5·427	5·417	5·420	13
14	5·405	5·402	5·394	5·389	5·386	5·394	5·392	5·396	5·415	5·427	5·426	5·432	5·447	5·454	5·454	5·459	5·456	5·456	5·456	5·474	5·474	5·467	5·459	5·451	5·432	14
15	5·444	5·436	5·427	5·425	5·421	5·416	5·417	5·411	5·421	5·421	5·422	5·416	5·417	5·416	5·401	5·397	5·387	5·381	5·372	5·374	5·372	5·364	5·352	5·338	5·402	15
16	5·329	5·324	5·311	5·298	5·296	5·293	5·291	5·291	5·294	5·297	5·301	5·308	5·309	5·312	5·319	5·315	5·320	5·324	5·325	5·334	5·345	5·347	5·349	5·347	5·316	16
17	5·342	5·338	5·338	5·334	5·334	5·338	5·341	5·343	5·346	5·349	5·351	5·357	5·364	5·366	5·368	5·363	5·359	5·363	5·366	5·375	5·377	5·382	5·382	5·380	5·356	17
18	5·380	5·378	5·373	5·368	5·365	5·367	5·373	5·378	5·394	5·404	5·407	5·414	5·416	5·420	5·427	5·430	5·435	5·438	5·439	5·449	5·454	5·462	5·461	5·456	5·412	18
19	5·459	5·452	5·446	5·446	5·433	5·432	5·438	5·448	5·454	5·458	5·462	5·465	5·467	5·469	5·471	5·472	5·471	5·470	5·476	5·485	5·490	5·497	5·499	5·501	5·465	19
20	5·501	5·496	5·494	5·493	5·488	5·485	5·489	5·494	5·500	5·512	5·514	5·515	5·516	5·524	5·528	5·520	5·509	5·514	5·514	5·519	5·517	5·518	5·512	5·512	5·508	20
21	5·511	5·507	5·499	5·495	5·494	5·488	5·500	5·507	5·497	5·504	5·515	5·521	5·519	5·522	5·525	5·520	5·516	5·507	5·505	5·512	5·511	5·513	5·508	5·498	5·508	21
22	5·498	5·483	5·470	5·453	5·441	5·444	5·431	5·419	5·417	5·405	5·395	5·385	5·374	5·379	5·377	5·357	5·362	5·385	5·373	5·374	5·387	5·393	5·395	5·406	5·408	22
23	5·407	5·413	5·416	5·414	5·413	5·428	5·444	5·464	5·476	5·482	5·495	5·507	5·518	5·528	5·531	5·528	5·524	5·525	5·528	5·539	5·543	5·541	5·538	5·537	5·489	23
24	5·533	5·515	5·519	5·514	5·504	5·497	5·501	5·497	5·496	5·494	5·482	5·479	5·478	5·474	5·462	5·444	5·428	5·438	5·431	5·435	5·432	5·425	5·403	5·400	5·470	24
25	5·397	5·392	5·393	5·383	5·369	5·355	5·358	5·382	5·380	5·386	5·390	5·389	5·392	5·401	5·394	5·379	5·376	5·375	5·363	5·369	5·373	5·372	5·358	5·340	5·378	25
26	5·307	5·299	5·293	5·269	5·278	5·258	5·258	5·246	5·227	5·230	5·183	5·180	5·169	5·138	5·139	5·119	5·093	5·091	5·094	5·082	5·094	5·123	5·126	5·137	5·185	26
27	5·148	5·156	5·160	5·163	5·172	5·183	5·190	5·206	5·221	5·238	5·237	5·246	5·247	5·256	5·253	5·256	5·254	5·253	5·261	5·257	5·251	5·241	5·242	5·221	5·221	27
28	5·225	5·213	5·229	5·214	5·202	5·207	5·214	5·201	5·197	5·207	5·222	5·219	5·206	5·189	5·202	5·192	5·191	5·186	5·183	5·175	5·172	5·171	5·156	5·151	5·197	28
29	5·141	5·130	5·119	5·113	5·097	5·086	5·086	5·085	5·078	5·076	5·071	5·062	5·064	5·046	5·040	5·034	5·035	5·030	5·026	5·027	5·022	5·016	5·000	4·990	5·061	29
30	4·975	4·972	4·956	4·942	4·939	4·938	4·939	4·946	4·953	4·957	4·965	4·970	4·985	4·982	4·987	4·983	4·973	4·973	4·963	4·966	4·952	4·936	4·916	4·897	4·957	30
31	4·888	4·864	4·847	4·832	4·827	4·821	4·829	4·843	4·849	4·869	4·863	4·874	4·877	4·879	4·887	4·891	4·899	4·914	4·928	4·936	4·942	4·949	4·952	4·956	4·884	31
MEANS.	5·429	5·422	5·417	5·411	5·407	5·407	5·412	5·419	5·422	5·428	5·429	5·433	5·434	5·437	5·436	5·431	5·423	5·423	5·420	5·425	5·425	5·424	5·418	5·411	5·423	MEANS.

SEPTEMBER 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·958	4·954	4·952	4·590	4·955	4·969	4·973	4·981	4·987	4·995	5·001	5·011	5·014	5·019	5·016	5·006	5·003	4·998	4·992	4·984	4·969	4·945	4·918	4·908	4·977	1
2	4·880	4·847	4·820	4·806	4·776	4·749	4·736	4·727	4·710	4·683	4·692	4·716	4·728	4·732	4·735	4·744	4·759	4·786	4·809	4·824	4·831	4·845	4·862	4·880	4·778	2
3	4·900	4·913	4·918	4·935	4·956	4·974	4·993	5·027	5·048	5·066	5·080	5·107	5·115	5·127	5·134	5·136	5·142	5·148	5·153	5·159	5·153	5·147	5·141	5·129	5·067	3
4	5·122	5·104	5·102	5·096	5·091	5·109	5·089	5·094	5·084	5·084	5·080	5·082	5·078	5·069	5·062	5·050	5·047	5·042	5·037	5·032	5·031	5·023	5·013	5·012	5·068	4
5	4·989	4·995	4·978	4·963	4·953	4·942	4·933	4·925	4·914	4·904	4·895	4·879	4·871	4·854	4·846	4·827	4·813	4·802	[illegible]09	4·811	4·802	4·799	4·812	4·820	4·881	5
6	4·828	4·835	4·841	4·848	4·851	4·861	4·869	4·877	4·891	4·907	4·919	4·927	4·940	4·944	4·947	4·956	4·962	4·979	4·989	5·008	5·023	5·047	5·053	5·072	4·932	6
7	5·093	5·112	5·118	5·150	5·155	5·210	5·227	5·273	5·309	5·327	5·355	5·384	5·436	5·457	5·477	5·487	5·508	5·523	5·537	5·553	5·558	5·561	5·570	5·577	5·373	7
8	5·570	5·577	5·587	5·589	5·578	5·581	5·594	5·599	5·598	5·582	5·572	5·563	5·543	5·524	5·507	5·471	5·441	5·405	5·373	5·351	5·320	5·302	5·320	5·311	5·494	8
9	5·313	5·303	5·304	5·304	5·311	5·311	5·310	5·300	5·283	5·277	5·262	5·250	5·247	5·226	5·223	5·223	5·228	5·226	5·235	5·231	5·228	5·229	5·223	5·218	5·261	9
10	5·200	5·191	5·186	5·180	5·181	5·190	5·175	5·191	5·206	5·222	5·231	5·233	5·229	5·237	5·239	5·232	5·229	5·229	5·236	5·225	5·230	5·221	5·215	5·198	5·213	10
11	5·190	5·183	5·176	5·162	5·147	5·149	5·145	5·146	5·159	5·169	5·177	5·178	5·187	5·191	5·196	5·203	5·200	5·207	5·215	5·215	5·208	5·216	5·208	5·201	5·184	11
12	5·185	5·171	5·148	5·143	5·121	5·126	5·129	5·126	5·135	5·134	5·148	5·161	5·161	5·161	5·170	5·168	5·174	5·184	5·191	5·205	5·216	5·232	5·243	5·248	5·170	12
13	5·269	5·273	5·285	5·299	5·305	5·326	5·347	5·352	5·369	5·373	5·389	5·391	5·393	5·405	5·393	5·389	5·387	5·396	5·403	5·408	5·409	5·406	5·406	5·399	5·366	13
14	5·394	5·395	5·393	5·395	5·383	5·379	5·380	5·368	5·360	5·361	5·341	5·340	5·343	5·337	5·330	5·316	5·311	5·308	5·307	5·314	5·293	5·313	5·309	5·310	5·345	14
15	5·305	5·296	5·289	5·282	5·275	5·280	5·289	5·283	5·286	5·290	5·297	5·309	5·303	5·302	5·299	5·295	5·294	5·299	5·301	5·301	5·303	5·308	5·308	5·309	5·296	15
16	5·306	5·310	5·305	5·295	5·308	5·317	5·322	5·339	5·357	5·372	5·377	5·383	5·390	5·401	5·410	5·421	5·436	5·456	5·473	5·489	5·500	5·518	5·532	5·542	5·398	16
17	5·554	5·556	5·573	5·583	5·595	5·613	5·621	5·655	5·663	5·677	5·696	5·713	5·727	5·734	5·746	5·759	5·770	5·787	5·802	5·819	5·827	5·837	5·841	5·846	5·708	17
18	5·856	5·852	5·857	5·852	5·861	5·858	5·875	5·888	5·901	5·904	5·915	5·914	5·913	5·913	5·914	5·909	5·920	5·917	5·929	5·936	5·942	5·936	5·934	5·933	5·901	18
19	5·922	5·908	5·900	5·894	5·889	5·887	5·887	5·901	5·909	5·911	5·911	5·911	5·907	5·902	5·893	5·890	5·876	5·876	5·873	5·880	5·879	5·877	5·872	5·861	5·892	19
20	5·863	5·858	5·847	5·846	5·848	5·852	5·845	5·858	5·870	5·875	5·874	5·877	5·874	5·876	5·868	5·860	5·858	5·858	5·863	5·872	5·866	5·862	5·857	5·852	5·862	20
21	5·836	5·829	5·821	5·814	5·810	5·811	5·809	5·812	5·813	5·818	5·821	5·813	5·815	5·807	5·799	5·790	5·777	5·788	5·793	5·796	5·785	5·786	5·777	5·779	5·804	21
22	5·776	5·771	5·766	5·761	5·758	5·764	5·773	5·782	5·790	5·797	5·801	5·807	5·814	5·817	5·820	5·825	5·828	5·833	5·851	5·863	5·864	5·861	5·858	5·861	5·810	22
23	5·859	5·857	5·860	5·867	5·870	5·884	5·892	5·901	5·907	5·909	5·915	5·927	5·931	5·939	5·946	5·951	5 950	5·958	5·971	5·979	5·979	5·981	5·971	5·979	5·924	23
24	5·975	5·971	5·961	5·960	5·957	5·958	5·960	5·962	5·962	5·960	5·957	5·952	5·942	5·934	5·921	5·906	5·891	5·882	5·872	5·863	5·844	5·833	5·802	5·783	5·917	24
25	5·766	5·747	5·732	5·714	5·699	5·685	5·674	5·672	5·655	5·637	5·621	5·603	5·577	5·559	5·522	5·502	5·457	5·442	5·409	5·382	5·350	5·318	5·294	5·264	5·553	25
26	5·229	5·206	5·179	5·157	5·133	5·107	5·106	5·091	5·092	5·090	5·087	5·080	5·065	5·050	5·029	5·020	4·997	4·981	4·977	4·959	4·940	4·923	4·895	4·879	5·053	26
27	4·844	4·832	4·804	4·774	4·748	4·740	4·740	4·742	4·748	4·748	4·746	4·747	4·747	4·747	4·744	4·738	4·732	4·727	4·726	4·733	4·736	4·734	4·735	4·739	4·752	27
28	4·742	4·745	4·747	4·746	4·745	4·760	4·772	4·789	4·804	4·817	4·831	4·841	4·846	4·859	4·868	4·875	4·884	4·901	4·915	4·920	4·928	4·920	4·932	4·908	4·837	28
29	4·929	4·948	4·972	4·993	5·015	5·008	5·063	5·086	5·116	5·142	5·169	5·187	5·224	5·252	5·281	5·297	5·317	5·338	5·356	5·376	5·397	5·415	5·421	5·432	5·197	29
30	5·444	5·454	5·464	5·470	5·480	5·509	5·516	5·532	5·546	5·560	5·558	5·567	5·568	5·577	5·578	5·576	5·565	5·590	5·610	5·619	5·631	5·634	5·634	5·642	5·555	30
31																										31
MEANS.	5·337	5·333	5·330	5·328	5·325	5·330	5·335	5·343	5·349	5·353	5·357	5·362	5·364	5·365	5·364	5·361	5·359	5·362	5·367	5·370	5·368	5·368	5·365	5·363	5·352	MEANS.

OCTOBER 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·639	5·635	5·630	5·630	5·638	5·644	5·657	5·664	5·674	5·682	5·687	5·690	5·693	5·699	5·691	5·698	5·698	5·706	5·713	5·722	5·724	5·725	5·735	5·730	5·684	1
2	5·731	5·732	5·726	5·730	5·731	5·735	5·744	5·758	5·777	5·779	5·786	5·792	5·794	5·805	5·797	5·795	5·789	5·804	5·809	5·820	5·820	5·816	5·817	5·821	5·780	2
3	5·817	5·819	5·816	5·819	5·811	5·811	5·818	5·823	5·825	5·827	5·832	5·839	5·836	5·838	5·831	5·820	5·809	5·822	5·818	5·825	5·820	5·819	5·812	5·805	5·821	3
4	5·807	5·805	5·797	5·787	5·784	5·790	5·792	5·796	5·807	5·808	5·807	5·811	5·805	5·807	5·802	5·798	5·788	5·793	5·795	5·798	5·793	5·788	5·781	5·771	5·796	4
5	5·759	5·749	5·739	5·732	5·724	5·725	5·734	5·735	5·741	5·734	5·728	5·722	5·715	5·708	5·702	5·696	5·688	5·686	5·686	5·679	5·676	5·667	5·657	5·646	5·714	5
6	5·633	5·621	5·616	5·604	5·593	5·593	5·594	5·595	5·594	5·588	5·579	5·576	5·567	5·557	5·552	5·538	5·527	5·530	5·522	5·522	5·519	5·516	5·506	5·490	5·564	6
7	5·491	5·478	5·467	5·454	5·435	5·426	5·421	5·412	5·402	5·389	5·371	5·371	5·376	5·368	5·366	5·366	5·359	5·372	5·370	5·375	5·377	5·376	5·369	5·369	5·398	7
8	5·370	5·362	5·368	5·362	5·367	5·364	5·379	5·390	5·406	5·406	5·414	5·418	5·410	5·403	5·402	5·390	5·391	5·388	5·390	5·386	5·381	5·378	5·371	5·357	5·386	8
9	5·346	5·341	5·330	5·325	5·322	5·318	5·317	5·310	5·303	5·301	5·300	5·292	5·288	5·275	5·272	5·262	5·248	5·240	5·237	5·241	5·236	5·239	5·192	5·210	5·281	9
10	5·191	5·184	5·159	5·175	5·165	5·174	5·165	5·159	5·180	5·195	5·207	5·214	5·214	5·203	5·211	5·214	5·214	5·203	5·211	5·206	5·205	5·192	5·185	5·179	5·192	10
11	5·168	5·163	5·149	5·144	5·130	5·116	5·121	5·112	5·122	5·128	5·144	5·144	5·146	5·152	5·153	5·154	5·145	5·148	5·144	5·139	5·120	5·102	5·085	5·080	5·134	11
12	5·064	5·052	5·038	5·034	5·046	5·047	5·056	5·067	5·073	5·080	5·095	5·107	5·113	5·127	5·144	5·162	5·160	5·161	5·203	5·215	5·228	5·244	5·270	5·267	5·127	12
13	5·264	5·287	5·308	5·330	5·343	5·343	5·381	5·400	5·406	5·426	5·432	5·444	5·451	5·439	5·439	5·432	5·434	5·423	5·425	5·427	5·408	5·390	5·373	5·340	5·389	13
14	5·335	5·295	5·268	5·256	5·256	5·216	5·250	5·266	5·281	5·296	5·313	5·315	5·333	5·347	5·367	5·368	5·408	5·417	5·447	5·450	5·470	5·480	5·496	5·502	5·351	14
15	5·515	5·520	5·517	5·518	5·541	5·548	5·555	5·572	5·586	5·602	5·621	5·623	5·630	5·633	5·637	5·642	5·653	5·662	5·673	5·671	5·678	5·678	5·677	5·684	5·610	15
16	5·688	5·682	5·689	5·692	5·691	5·708	5·711	5·723	5·740	5·759	5·775	5·786	5·790	5·794	5·799	5·825	5·828	5·847	5·863	5·873	5·881	5·889	5·893	5·901	5·784	16
17	5·902	5·903	5·909	5·911	5·915	5·915	5·921	5·925	5·925	5·922	5·920	5·917	5·919	5·894	5·875	5·877	5·884	5·890	5·886	5·874	5·873	5·872	5·860	5·841	5·897	17
18	5·830	5·828	5·826	5·820	5·831	5·815	5·810	5·813	5·810	5·800	5·804	5·806	5·800	5·794	5·780	5·774	5·775	5·763	5·759	5·758	5·740	5·735	5·723	5·721	5·788	18
19	5·711	5·693	5·681	5·657	5·659	5·643	5·645	5·634	5·639	5·617	5·598	5·592	5·579	5·562	5·551	5·526	5·524	5·527	5·537	5·526	5·533	5·550	5·547	5·540	5·595	19
20	5·555	5·541	5·545	5·550	5·572	5·571	5·590	5·617	5·640	5·647	5·663	5·673	5·679	5·674	5·673	5·678	5·690	5·700	5·709	5·724	5·716	5·734	5·743	5·743	5·651	20
21	5·754	5·758	5·765	5·777	5·787	5·793	5·800	5·818	5·830	5·839	5·839	5·846	5·851	5·841	5·833	5·820	5·831	5·835	5·838	5·830	5·822	5·809	5·794	5·772	5·812	21
22	5·757	5·751	5·736	5·722	5·717	5·719	5·719	5·719	5·712	5·715	5·714	5·705	5·698	5·674	5·670	5·658	5·648	5·646	5·640	5·616	5·610	5·590	5·564	5·541	5·677	22
23	5·525	5·508	5·483	5·469	5·433	5·426	5·435	5·432	5·420	5·415	5·415	5·410	5·391	5·381	5·369	5·357	5·350	5·336	5·335	5·320	5·318	5·326	5·326	5·352	5·397	23
24	5·368	5·381	5·397	5·417	5·434	5·471	5·495	5·527	5·542	5·559	5·577	5·587	5·591	5·612	5·634	5·661	5·685	5·704	5·730	5·743	5·766	5·772	5·787	5·798	5·593	24
25	5·809	5·809	5·814	5·823	5·828	5·833	5·830	5·844	5·845	5·850	5·847	5·841	5·830	5·818	5·800	5·787	5·770	5·765	5·732	5·713	5·693	5·681	5·651	5·642	5·786	25
26	5·614	5·584	5·557	5·528	5·511	5·479	5·472	5·448	5·431	5·399	5·400	5·384	5·349	5·339	5·291	5·266	5·266	5·256	5·235	5·231	5·241	5·234	5·229	5·225	5·374	26
27	5·225	5·223	5·200	5·200	5·192	5·187	5·179	5·166	5·161	5·141	5·134	5·116	5·108	5·092	5·060	5·057	5·027	5·034	5·016	5·007	4·998	4·974	4·967	4·948	5·100	27
28	4·940	4·924	4·891	4·886	4·878	4·863	4·872	4·881	4·900	4·895	4·897	4·890	4·872	4·877	4·862	4·865	4·856	4·860	4·858	4·845	4·851	4·850	4·841	4·830	4·874	28
29	4·823	4·787	4·767	4·739	4·723	4·727	4·739	4·737	4·759	4·759	4·776	4·768	4·772	4·762	4·777	4·788	4·781	4·787	4·783	4·787	4·780	4·756	4·735	4·719	4·764	29
30	4·714	4·703	4·678	4·665	4·650	4·645	4·635	4·638	4·623	4·619	4·602	4·595	4·585	4·592	4·578	4·587	4·590	4·602	4·609	4·608	4·619	4·626	4·635	4·652	4·627	30
31	4·650	4·650	4·655	4·662	4·677	4·689	4·708	4·730	4·748	4·772	4·800	4·821	4·842	4·852	4·861	4·866	4·853	4·850	4·832	4·818	4·806	4·750	4·682	4·588	4·757	31
MEANS.	5·451	5·444	5·436	5·433	5·432	5·430	5·437	5·442	5·448	5·450	5·454	5·455	5·452	5·449	5·444	5·443	5·441	5·444	5·445	5·444	5·442	5·437	5·429	5·421	5·442	MEANS.

NOVEMBER 1887.

BAROMETER REDUCED TO 32°. HEIGHT ABOVE SEA LEVEL, 4407 FEET.

20·000 + inches

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	4·583	4·506	4·498	4·459	4·470	4·460	4·434	4·415	4·374	4·349	4·329	4·311	4·287	4·267	4·244	4·163	4·076	4·029	4·208	4·300	4·345	4·378	4·388	4·411	4·345	1
2	4·418	4·451	4·467	4·463	4·480	4·469	4·455	4·471	4·482	4·459	4·480	4·484	4·457	4·462	4·455	4·445	4·423	4·421	4·417	4·395	4·375	4·279	4·264	4·240	4·426	2
3	4·217	4·156	4·019	3·912	3·923	3·973	4·026	4·050	4·066	4·083	4·095	4·104	4·115	4·137	4·127	4·135	4·165	4·179	4·173	4·180	4·191	4·206	4·210	4·230	4·111	3
4	4·252	4·269	4·276	4·291	4·316	4·339	4·366	4·391	4·423	4·454	4·483	4·501	4·520	4·535	4·556	4·575	4·595	4·611	4·630	4·644	4·652	4·665	4·681	4·698	4·488	4
5	4·715	4·722	4·732	4·740	4·752	4·760	4·766	4·772	4·779	4·785	4·784	4·782	4·782	4·782	4·774	4·766	4·767	4·768	4·772	4·767	4·773	4·775	4·790	4·796	4·767	5
6	4·800	4·816	4·815	4·834	4·853	4·866	4·880	4·915	4·923	4·941	4·959	4·962	4·983	4·990	5·010	5·041	5·064	5·100	5·130	5·155	5·162	5·185	5·196	5·225	4·992	6
7	5·250	5·262	5·267	5·284	5·304	5·323	5·344	5·363	5·375	5·353	5·358	5·350	5·354	5·316	5·343	5·345	5·365	5·389	5·393	5·372	5·406	5·446	5·449	5·453	5·353	7
8	5·472	5·487	5·499	5·498	5·518	5·524	5·525	5·569	5·577	5·594	5·612	5·611	5·607	5·596	5·608	5·605	5·610	5·614	5·621	5·614	5·632	5·624	5·629	5·641	5·579	8
9	5·647	5·649	5·647	5·636	5·639	5·621	5·627	5·644	5·648	5·642	5·647	5·634	5·620	5·616	5·608	5·604	5·603	5·602	5·602	5·597	5·586	5·576	5·563	5·549	5·617	9
10	5·529	5·514	5·479	5·470	5·464	5·435	5·426	5·426	5·427	5·431	5·425	5·410	5·409	5·406	5·413	5·423	5·433	5·433	5·446	5·444	5·449	5·456	5·470	5·476	5·446	10
11	5·466	5·466	5·476	5·464	5·475	5·484	5·494	5·510	5·519	5·530	5·539	5·541	5·542	5·549	5·555	5·563	5·566	5·572	5·583	5·582	5·588	5·592	5·594	5·591	5·535	11
12	5·584	5·580	5·577	5·563	5·559	5·555	5·554	5·559	5·558	5·555	5·557	5·550	5·542	5·535	5·525	5·518	5·512	5·507	5·505	5·508	5·508	5·504	5·495	5·496	5·538	12
13	5·486	5·481	5·463	5·459	5·448	5·443	5·443	5·444	5·437	5·433	5·431	5·415	5·400	5·397	5·383	5·369	5·359	5·359	5·352	5·350	5·347	5·335	5·326	5·322	5·403	13
14	5·306	5·291	5·280	5·263	5·253	5·255	5·248	5·249	5·247	5·255	5·260	5·274	5·281	5·296	5·305	5·326	5·341	5·368	5·384	5·415	5·445	5·468	5·484	5·487	5·324	14
15	5·507	5·518	5·531	5·538	5·548	5·560	5·567	5·574	5·579	5·585	5·591	5·587	5·576	5·570	5·565	5·562	5·559	5·557	5·554	5·557	5·549	5·545	5·539	5·524	5·556	15
16	5·504	5·495	5·479	5·473	5·464	5·458	5·470	5·463	5·472	5·476	5·470	5·473	5·474	5·469	5·460	5·464	5·464	5·456	5·443	5·434	5·424	5·400	5·396	5·383	5·457	16
17	5·351	5·345	5·321	5·313	5·286	5·269	5·244	5·252	5·241	5·231	5·221	5·198	5·181	5·164	5·157	5·148	5·131	5·126	5·115	5·091	5·073	5·050	5·032	5·008	5·190	17
18	4·972	4·948	4·911	4·896	4·864	4·829	4·804	4·796	4·779	4·764	4·738	4·720	4·695	4·675	4·673	4·668	4·667	4·657	4·658	4·666	4·669	4·667	4·665	4·667	4·752	18
19	4·670	4·673	4·678	4·688	4·690	4·708	4·728	4·743	4·764	4·771	4·784	4·795	4·812	4·826	4·847	4·875	4·900	4·921	4·936	4·951	4·963	4·978	4·994	5·007	4·821	19
20	5·017	5·023	5·027	5·033	5·037	5·038	5·044	5·047	5·049	5·045	5·044	5·035	5·026	5·022	5·018	5·016	5·006	5·001	4·997	5·003	5·002	5·000	4·997	4·996	5·022	20
21	4·992	4·994	4·990	4·984	4·983	4·984	4·984	5·000	5·012	5·018	5·040	5·048	5·055	5·066	5·087	5·116	5·133	5·147	5·160	5·182	5·198	5·214	5·221	5·234	5·077	21
22	5·246	5·265	5·283	5·291	5·309	5·320	5·340	5·361	5·395	5·410	5·441	5·442	5·444	5·462	5·486	5·500	5·507	5·521	5·537	5·549	5·542	5·557	5·559	5·554	5·430	22
23	5·557	5·538	5·533	5·526	5·533	5·522	5·520	5·521	5·521	5·514	5·506	5·489	5·464	5·448	5·435	5·409	5·400	5·396	5·387	5·375	5·345	5·333	5·311	5·287	5·453	23
24	5·266	5·245	5·232	5·208	5·171	5·147	5·126	5·112	5·076	5·063	5·039	4·989	4·969	4·984	4·966	4·961	4·951	4·940	4·936	4·938	4·927	4·919	4·904	4·897	5·040	24
25	4·884	4·867	4·866	4·845	4·820	4·832	4·827	4·846	4·860	4·867	4·883	4·897	4·902	4·918	4·924	4·928	4·928	4·933	4·908	4·876	4·818	4·793	4·785	4·765	4·866	25
26	4·738	4·706	4·719	4·725	4·726	4·690	4·677	4·689	4·656	4·677	4·719	4·709	4·696	4·700	4·693	4·702	4·699	4·698	4·716	4·744	4·743	4·748	4·762	4·764	4·712	26
27	4·752	4·731	4·730	4·694	4·661	4·641	4·629	4·626	4·625	4·630	4·648	4·660	4·699	4·754	4·791	4·822	4·844	4·877	4·909	4·937	4·960	4·979	4·995	5·015	4·775	27
28	5·029	5·042	5·054	5·060	5·064	5·069	5·077	5·083	5·086	5·082	5·087	5·089	5·095	5·100	5·103	5·102	5·109	5·116	5·126	5·128	5·132	5·130	5·125	5·124	5·092	28
29	5·116	5·108	5·099	5·092	5·079	5·071	5·066	5·061	5·060	5·064	5·064	5·056	5·047	5·041	5·037	5·037	5·035	5·040	5·038	5·046	5·052	5·054	5·055	5·058	5·062	29
30	5·061	5·065	5·066	5·065	5·063	5·067	5·065	5·058	5·066	5·074	5·094	5·102	5·113	5·122	5·138	5·148	5·156	5·180	5·198	5·206	5·224	5·233	5·224	5·246	5·125	30
31																										31
MEANS.	5·080	5·074	5·067	5·059	5·058	5·057	5·059	5·067	5·069	5·071	5·078	5·074	5·072	5·074	5·076	5·078	5·079	5·084	5·094	5·100	5·103	5·103	5·103	5·105	5·078	MEANS.

DECEMBER 1887.

BAROMETER—4407 FEET ABOVE SEA LEVEL.

20·000 + inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
1	5·249	5·245	5·261	5·264	5·281	5·296	5·304	5·322	5·356	5·372	5·381	5·392	5·405	5·414	5·425	5·433	5·442	5·465	5·468	5·495	5·504	5·516	5·511	5·523	5·388	1
2	5·524	5·534	5·531	5·536	5·532	5·524	5·513	5·528	5·530	5·530	5·526	5·512	5·500	5·487	5·480	5·458	5·433	5·433	5·405	5·399	5·364	5·368	5·340	5·313	5·471	2
3	5·286	5·282	5·243	5·205	5·200	5·203	5·198	5·178	5·178	5·130	5·130	5·125	5·109	5·091	5·071	5·082	5·081	5·088	5·088	5·092	5·091	5·094	5·102	5·104	5·140	3
4	5·101	5·103	5·100	5·104	5·096	5·097	5·102	5·115	5·129	5·141	5·147	5·151	5·149	5·156	5·154	5·163	5·165	5·181	5·180	5·177	5·162	5·152	5·124	5·100	5·135	4
5	5·095	5·103	5·108	5·107	5·088	5·097	5·097	5·094	5·089	5·080	5·073	5·075	5·071	5·075	5·049	5·007	5·015	5·012	4·989	4·987	4·971	4·942	4·892	4·852	5·040	5
6	4·814	4·749	4·699	4·622	4·564	4·507	4·453	4·431	4·441	4·414	4·408	4·440	4·440	4·439	4·455	4·466	4·466	4·472	4·458	4·503	4·542	4·562	4·568	4·565	4·520	6
7	4·557	4·562	4·569	4·593	4·609	4·620	4·629	4·643	4·686	4·724	4·741	4·758	4·772	4·793	4·817	4·844	4·858	4·876	4·884	4·903	4·915	4·915	4·923	4·927	4·755	7
8	4·937	4·930	4·932	4·914	4·913	4·912	4·901	4·890	4·870	4·861	4·835	4·796	4·747	4·715	4·632	4·538	4·440	4·414	4·386	4·386	4·387	4·385	4·396	4·400	4·688	8
9	4·411	4·424	4·435	4·451	4·466	4·499	4·530	4·562	4·596	4·635	4·674	4·695	4·719	4·735	4·769	4·798	4·822	4·847	4·878	4·912	4·936	4·964	4·971	4·986	4·696	9
10	5·001	5·029	5·053	5·053	5·063	5·072	5·084	5·097	5·108	5·124	5·133	5·142	5·150	5·155	5·162	5·168	5·174	5·180	5·192	5·202	5·208	5·216	5·229	5·242	5·135	10
11	5·244	5·255	5·261	5·258	5·254	5·257	5·265	5·272	5·280	5·284	5·289	5·285	5·280	5·274	5·266	5·269	5·268	5·265	5·263	5·266	5·266	5·275	5·281	5·285	5·269	11
12	5·289	5·287	5·297	5·300	5·298	5·300	5·301	5·309	5·317	5·318	5·310	5·283	5·262	5·220	5·189	5·173	5·135	5·100	5·026	4·990	4·940	4·928	4·880	4·819	5·178	12
13	4·764	4·736	4·703	4·664	4·622	4·563	4·504	4·491	4·471	4·440	4·423	4·452	4·488	4·517	4·539	4·549	4·549	4·565	4·582	4·595	4·614	4·608	4·598	4·600	4·568	13
14	4·580	4·580	4·572	4·568	4·542	4·524	4·534	4·532	4·534	4·524	4·517	4·489	4·458	4·449	4·452	4·437	4·445	4·418	4·457	4·481	4·531	4·544	4·562	4·592	4·513	14
15	4·611	4·631	4·651	4·663	4·674	4·686	4·709	4·735	4·757	4·777	4·787	4·796	4·803	4·791	4·786	4·770	4·758	4·722	4·678	4·671	4·633	4·606	4·574	4·550	4·701	15
16	4·547	4·553	4·548	4·521	4·491	4·461	4·427	4·405	4·379	4·380	4·384	4·398	4·406	4·419	4·429	4·444	4·452	4·475	4·481	4·471	4·523	4·493	4·523	4·526	4·464	16
17	4·520	4·494	4·515	4·562	4·595	4·637	4·661	4·693	4·731	4·764	4·779	4·817	4·817	4·836	4·849	4·868	4·876	4·877	4·868	4·879	4·881	4·875	4·875	4·860	4·755	17
18	4·858	4·849	4·847	4·848	4·832	4·814	4·813	4·816	4·820	4·822	4·815	4·809	4·806	4·808	4·815	4·828	4·837	4·849	4·865	4·880	4·897	4·905	4·907	4·906	4·844	18
19	4·903	4·900	4·903	4·906	4·909	4·918	4·925	4·928	4·945	4·962	4·967	4·977	4·986	5·001	5·013	5·035	5·052	5·066	5·074	5·077	5·084	5·095	5·095	5·082	4·992	19
20	5·080	5·072	5·079	5·081	5·082	5·075	5·075	5·068	5·052	5·026	5·071	5·089	5·062	5·098	5·089	5·114	5·097	5·124	5·134	5·056	5·076	5·065	5·081	5·106	5·081	20
21	5·118	5·152	5·162	5·107	5·133	5·134	5·135	5·158	5·176	5·190	5·193	5·195	5·190	5·194	5·193	5·204	5·217	5·221	5·233	5·243	5·252	5·249	5·265	5·267	5·191	21
22	5·270	5·274	5·278	5·273	5·267	5·267	5·267	5·267	5·274	5·266	5·258	5·253	5·238	5·242	5·239	5·245	5·250	5·256	5·270	5·293	5·311	5·320	5·340	5·344	5·273	22
23	5·355	5·363	5·373	5·370	5·372	5·371	5·381	5·380	5·383	5·384	5·385	5·371	5·362	5·361	5·350	5·340	5·345	5·347	5·339	5·340	5·321	5·331	5·334	5·335	5·358	23
24	5·329	5·335	5·341	5·336	5·344	5·336	5·341	5·350	5·359	5·367	5·369	5·381	5·383	5·387	5·384	5·397	5·407	5·413	5·423	5·426	5·424	5·425	5·415	5·404	5·378	24
25	5·394	5·378	5·374	5·361	5·341	5·324	5·324	5·322	5·298	5·314	5·312	5·319	5·318	5·317	5·327	5·330	5·340	5·343	5·354	5·369	5·371	5·376	5·371	5·367	5·344	25
26	5·361	5·367	5·371	5·366	5·367	5·362	5·365	5·363	5·368	5·381	5·384	5·379	5·375	5·375	5·379	5·389	5·392	5·402	5·416	5·429	5·442	5·455	5·467	5·470	5·393	26
27	5·470	5·473	5·479	5·484	5·487	5· 87	5·500	5·509	5·514	5·520	5·526	5·525	5·526	5·538	5·532	5·532	5·518	5·518	5·511	5·511	5·496	5·502	5·480	5·491	5·505	27
28	5·488	5·466	5·465	5·467	5·462	5·448	5·423	5·454	5·432	5·461	5·465	5·459	5·459	5·456	5·457	5·455	5·465	5·466	5·475	5·490	5·498	5·509	5·521	5·524	5·469	28
29	5·527	5·533	5·532	5·531	5·534	5·536	5·541	5·548	5·571	5·584	5·595	5·593	5·597	5·598	5·602	5·602	5·598	5·596	5·604	5·611	5·614	5·621	5·627	5·622	5·580	29
30	5·611	5·600	5·598	5·598	5·582	5·583	5·584	5·583	5·580	5·582	5·588	5·579	5·573	5·564	5·566	5·557	5·547	5·547	5·543	5·536	5·522	5·512	5·501	5·488	5·564	30
31	5·472	5·453	5·442	5·425	5·402	5·387	5·379	5·360	5·347	5·344	5·328	5·306	5·281	5·265	5·249	5·234	5·219	5·208	5·186	5·181	5·160	5·144	5·114	5·106	5·291	31
MEANS.	5·089	5·087	5·088	5·082	5·077	5·074	5·073	5·078	5·083	5·087	5·090	5·092	5·088	5·089	5·088	5·088	5·086	5·089	5·087	5·092	5·095	5·095	5·092	5·089	5·086	MEANS.

20·000+inches.

Extra Barometer Readings.

Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.	Hr. Mn.	Bar.
1884.		23·0	3·282	21·36	4·794	19·30	5·195	5·30	4·753	14·30	4·214	8·0	4·364	20·0	5·058	2·30	4·330	2·0	4·848	1·0	4·634	21·0	4·280	8 Dec.		19·30	3·484
26 Jan.		23·30	3·317	21·45	4·800	20·0	5·178	6·0	4·722	15·0	4·191	8·30	4·414	20·30	5·070	3·0	4·323	2·30	4·839	1·30	4·625	21·30	4·240	6·0	3·793	20·0	3·494
13·0	3·824	Mdnt.	3·330	21·47	4·796	27 Sept.		6·30	4·795	15·30	4·180	9·0	4·471	21·0	5·075	3·30	4·333	3·0	4·823	2·0	4·626	22·0	4·203	6·15	3·724	20·30	3·493
13·15	3·772	10 Feb.		22·0	4·774	1·0	4·861	7·0	4·822	16·0	4·177	9·30	4·485	21·30	5·075	4·0	4·350	3·30	4·766	2·30	4·629	22·30	4·207	6·30	3·702	21·0	3·503
13·30	3·748	5·0	4·212	22·25	4·743	1·30	4·873	7·30	4·828	16·30	4·164	10·0	4·509	22·0	5·074	4·30	4·326	4·0	4·781	3·0	4·647	23·0	4·200	6·45	3·624	21·30	3·521
13·45	3·685	5·15	4·142	22·30	4·752	2·0	4·869	8·0	4·830	17·0	4·150	10·30	4·537	22·30	5·084	5·0	4·295	4·30	4·746	3·30	4·673	23·30	4·191	7·0	3·600	22·0	3·533
14·0	3·643	5·30	4·146	22·35	4·748	2·30	4·837	8·32	4·827	17·30	4·127	11·0	4·546	23·0	5·084	1886.		5·0	4·757	4·0	4·668	Mdnt.	4·188	7·15	3·597	22·30	3·548
14·15	3·622	6·0	4·257	23·0	4·715	3·0	4·814	9·0	4·819	18·0	4·107	11·30	4·574	23·30	5·079	30 March.		5·30	4·732	4·30	4·684	8 April.		7·30	3·577	23·0	3·560
14·30	3·554	15·0	4·129	23·30	4·666	3·30	4·806	9·30	4·824	18·30	4·085	12·0	4·590	Mdnt.	5·082	12·0	4·685	6·0	4·721	5·0	4·697	0·30	4·200	7·45	3·594	23·30	3·569
14·45	3·562	15·30	4·213	Mdnt.	4·614	4·0	4·786	10·0	4·824	19·0	4·057	12·30	4·622	26 Nov.		12·30	4·625	6·30	4·729	7 April.		1·0	4·197	8·0	3·555	Mdnt.	3·591
15·0	3·541	16·0	4·125	20 March.		4·30	4·771	10·30	4·829	19·30	4·033	13·0	4·634	14·0	4·545	13·0	4·625	7·0	4·697	11·0	4·892	1·30	4·211	8·30	3·538	9 Dec.	
15·15	3·488	16·30	4·168	0·30	4·562	5·0	4·741	11·0	4·815	20·0	4·018	26 Feb.		14·30	4·533	13·30	4·594	7·30	4·657	11·30	4·877	2·0	4·224	8·45	3·533	0·31	3·606
15·30	3·478	17·0	4·212	1·0	4·548	5·30	4·817	11·30	4·814	20·30	4·024	7·0	4·880	15·0	4·557	14·0	4·582	8·0	4·738	12·0	4·831	2·30	4·243	9·0	3·530	1·0	3·625
15·45	3·433	17·30	4·212	1·30	4·483	6·0	4·754	12·0	4·812	21·0	4·028	7·30	4·857	15·30	4·584	14·30	4·565	8·30	4·729	12·30	4·776	3·0	4·259	9·30	3·543	1887.	
16·0	3·443	18·0	4·257	2·0	4·430	6·30	4·803	12·30	4·810	21·30	4·038	8·0	4·839	16·0	4·528	15·0	4·564	9·0	4·741	13·0	4·720	3·30	4·267	10·0	3·570	3 Nov.	
16·15	3·475	18·30	4·276	2·30	4·368	7·0	4·777	13·0	4·803	22·0	4·054	8·32	4·884	16·30	4·478	15·30	4·536	9·31	4·746	13·30	4·669	4·0	4·276	10·15	3·574	3·0	4·019
16·30	3·447	19·0	4·297	2·31	4·390	7·31	4·816	10 Jan.		22·30	4·063	9·0	4·894	17·0	4·476	16·0	4·541	10·0	4·760	14·0	4·597	4·30	4·301	10·30	3·554	3·15	4·002
16·45	3·420	19·30	4·313	3·0	4·415	8·0	4·767	5·0	4·555	23·0	4·070	10·0	4·900	17·30	4·488	16·30	4·516	10·30	4·751	14·30	4·583	5·0	4·288	10·45	3·547	3·30	3·958
17·0	3·413	20·0	4·322	3·30	4·430	1885.		5·31	4·524	23·30	4·075	10·33	4·896	18·0	4·443	17·0	4·494	11·0	4·787	14·45	4·572	5·30	4·297	11·0	3·534	3·45	3·937
17·15	3·414	20·35	4·353	3·31	4·443	7 Jan.		6·0	4·493	Mdnt.	4·096	11·0	4·899	18·30	4·410	17·30	4·463	11·30	4·813	15·0	4·585	6·0	4·284	11·15	3·538	4·0	3·912
17·30	3·394	21·0	4·372	3·33	4·428	22·0	5·092	6·30	4·476	11 Jan.		11·30	4·922	19·0	4·412	18·0	4·437	12·0	4·819	15·15	4·582	6·30	4·295	11·30	3·533	4·15	3·936
17·45	3·376	21 Feb.		3·34	4·424	22·30	5·094	7·0	4·448	0·30	4·097	12·0	4·924	19·30	4·386	18·30	4·448	12·30	4·833	15·30	4·552	7·0	4·303	12·0	3·506	4·30	3·924
18·0	3·354	22·0	4·607	4·0	4·443	23·0	5·054	7·31	4·424	1·0	4·111	12·30	4·933	20·0	4·383	19·0	4·491	13·0	4·852	15·32	4·520	7·30	4·295	12·30	3·471	4·45	3·922
18·15	3·317	22·15	4·631	4·30	4·443	23·30	5·031	8·0	4·388	1·30	4·121	13·0	4·918	20·30	4·434	19·30	4·510	13·30	4·840	15·35	4·533	8·0	4·311	13·0	3·486	5·0	3·923
18·30	3·311	22·30	4·611	5·0	4·472	Mdnt.	5·011	8·30	4·357	2·0	4·129	30 Oct.		21·0	4·421	20·0	4·555	14·0	4·852	15·45	4·526	8·30	4·322	13·30	3·476	5·15	3·923
18·45	3·268	22·45	4·618	5·30	4·498	8 Jan.		9·0	4·363	2·30	4·145	14·0	5·021	21·30	4·347	20·30	4·634	14·30	4·857	16·0	4·499	9·0	4·323	14·0	3·468	5·30	3·948
19·0	3·244	23·0	4·617	6·0	4·466	0·30	4·998	9·30	4·354	3·0	4·147	14·30	5·009	22·0	4·368	21·0	4·652	15·0	4·854	16·15	4·487	9·31	4·328	14·31	3·451	6·0	3·973
19·15	3·227	23·15	4·616	6·30	4·516	1·0	4·965	10·0	4·344	3·30	4·160	15·0	4·993	22·30	4·366	21·30	4·686	15·30	4·857	16·30	4·480	10·0	4·340	15·0	3·456	20 Dec.	
19·30	3·178	23·30	4·584	7·0	4·523	1·30	4·942	10·32	4·339	4·0	4·186	15·30	5·025	23·0	4·357	22·0	4·736	16·0	4·863	17·0	4·412	10·30	4·338	15·30	3·461	9·0	5·052
19·45	3·182	23·45	4·564	7·30	4·546	2·0	4·889	11·0	4·313	4·30	4·238	16·0	5·006	23·30	4·350	22·30	4·739	16·30	4·865	17·30	4·431	11·0	4·327	16·0	3·470	9·20	5·078
20·0	3·179	Mdnt.	4·571	8·0	4·566	2·30	4·892	11·30	4·319	5·0	4·255	16·30	4·988	Mdnt.	4·357	23·0	4·755	17·0	4·858	18·0	4·394	11·30	4·349	16·32	3·462	10·0	5·026
20·30	3·173	19 March.		25 Sept.		3·0	4·883	12·0	4·281	5·30	4·289	17·0	4·994	27 Nov.		23·30	4·764	17·30	4·835	18·30	4·379	12·0	4·356	17·0	3·454	10·15	5·038
21·0	3·195	20·0	4·851	15·0	5·307	3·30	4·851	12·30	4·267	6·0	4·258	17·30	5·005	0·30	4·338	Mdnt.	4·758	18·0	4·844	19·0	4·393	12·30	4·363	17·30	3·462	10·40	5·047
21·30	3·209	20·30	4·802	15·30	5·291	4·0	4·832	13·0	4·255	6·30	4·311	18·0	5·018	1·0	4·363	2 April.		18·30	4·856	19·30	4·377	13·0	4·376	18·0	3·467	11·0	5·071
22·0	3·228	21·0	4·765	16·0	5·288	4·30	4·803	13·30	4·233	5·0	4·323	19·0	5·043	1·30	4·332	1·0	4·868	4 April.		20·0	4·369	13·30	4·376	18·30	3·466		
22·30	3·254	21·30	4·807	19·0	5·199	5·0	4·776	14·0	4·227	7·30	4·340	19·40	5·061	2·0	4·315	1·30	4·838	0·30	4·661	20·30	4·321	14·0	4·387	19·0	3·471		

TEMPERATURE—*FAHR.*

HOURLY READINGS OF DRY AND WET BULBS.

The readings are corrected for instrumental error only.

During the first five Months there are several breaks in the record, especially during the night. In the case of the Dry Bulb these missing hours have been filled in, the interpolated entries being marked by brackets. Double hourly means are given, the upper or Observed Mean being the average of the observed readings only, and the lower or General Mean that of the total entries for the hour. In the case of the Wet Bulb for these five months no interpolations have been made. The Means when given are therefore those of the observed readings only and are comparable with the corresponding Observed Means of the Dry Bulb.

From the beginning of May 1884 onwards the record is practically continuous: any interpolated values either of Dry or Wet Bulb are bracketed but are included in the Means.

DECEMBER 1883.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	26·1	–	26·3	–	26·0	–	26·0	–	26·2	–	26·0	–	26·0	–	25·9	–	25·3	–	25·0	–	26·1	–	27·0	–	1
2	24·0	–	23·6	–	23·5	–	23·0	–	[22·5]	–	[23·3]	–	[23·7]	–	23·9	–	24·0	–	23·7	–	23·2	–	23·2	–	2
3	[25·7]	–	[25·6]	–	[26·0]	–	26·2	–	26·4	–	26·4	–	26·3	–	26·5	–	26·6	–	26·5	–	26·1	–	25·0	–	3
4	17·9	–	[18·2]	–	[18·6]	–	[19·0]	–	[19·5]	–	[20·0]	–	[20·5]	–	21·0	–	22·0	–	22·1	–	22·2	–	21·5	–	4
5	20·2	–	20·0	–	19·2	–	18·7	–	[18·6]	–	[18·4]	–	[18·3]	–	18·4	–	19·0	–	19·9	–	20·4	–	20·8	–	5
6	[17·3]	–	[17·1]	–	[16·9]	–	17·0	–	17·1	–	18·1	–	18·2	–	18·2	–	17·9	–	18·3	–	19·0	–	19·3	–	6
7	17·5	–	17·5	–	17·4	–	18·1	–	18·5	–	18·7	–	19·1	–	19·8	–	20·0	–	20·9	–	21·6	–	21·4	21·9	7
8	28·5	28·5	29·8	29·8	30·5	30·5	30·3	30·4	[31·0]	–	[31·4]	–	[31·8]	–	[32·0]	–	32·0	31·8	32·0	31·8	32·0	31·9	32·0	31·9	8
9	[29·5]	–	[30·0]	–	[30·6]	–	[31·0]	–	30·8	30·8	30·8	30·8	30·9	30·9	31·0	31·1	29·3	29·7	27·9	27·9	27·0	27·0	26·5	26·7	9
10	24·5	24·8	25·0	25·4	25·3	25·8	25·9	25·7	25·4	25·5	25·5	25·8	25·4	25·6	25·3	25·6	26·0	26·0	26·0	26·2	26·5	26·7	27·1	27·4	10
11	25·4	25·7	24·6	24·8	24·3	24·7	24·2	24·6	[24·0]	–	[23·0]	–	[22·0]	–	[20·9]	–	20·7	20·9	20·4	20·8	20·4	20·9	20·4	20·8	11
12	[19·5]	–	[19·0]	–	[18·7]	–	[18·4]	–	[18·0]	–	[17·6]	–	[17·5]	–	[17·8]	–	18·2	18·2	17·8	17·6	17·8	17·4	19·8	18·5	12
13	24·0	24·0	24·8	24·3	27·9	27·5	31·9	30·8	33·2	32·1	34·4	33·0	34·8	34·5	35·3	35·4	35·1	35·1	35·2	35·1	35·2	34·8	34·1	34·1	13
14	26·0	26·1	26·0	26·1	26·0	26·0	25·5	25·7	[25·2]	–	[24·8]	–	[24·4]	–	[24·0]	–	23·7	23·8	23·0	23·0	22·0	22·2	22·4	22·8	14
15	[22·6]	–	[22·2]	–	[21·8]	–	[21·4]	–	21·1	21·5	21·0	21·3	20·3	20·8	20·9	20·9	20·8	20·9	20·5	20·8	20·8	21·1	21·1	21·5	15
16	16·9	17·5	16·1	16·7	16·3	16·8	17·0	17·4	17·4	17·6	17·2	17·7	17·2	17·7	16·4	16·9	16·3	16·8	16·1	16·8	16·0	16·6	16·2	16·8	16
17	16·2	16·7	16·7	16·9	16·4	16·9	16·3	16·7	[16·3]	–	[16·4]	–	[16·6]	–	[16·6]	–	16·8	16·8	17·5	17·7	18·1	18·5	18·0	18·4	17
18	[25·5]	–	[25·8]	–	[26·3]	–	[26·6]	–	26·9	26·8	28·0	27·8	31·0	30·8	31·0	30·8	31·3	31·2	31·5	31·4	31·5	31·5	31·6	31·6	18
19	23·9	24·2	23·3	23·8	24·0	24·1	24·4	24·7	24·5	24·6	24·5	24·8	24·6	24·8	24·8	25·0	25·0	25·0	25·0	25·0	25·3	25·6	26·6	26·7	19
20	34·7	34·6	34·5	34·6	34·1	34·1	33·8	33·8	[33·5]	–	[32·0]	–	[30·0]	–	[28·0]	–	26·8	26·8	27·1	27·3	27·0	27·1	26·8	26·9	20
21	[23·8]	–	[24·6]	–	[25·2]	–	[25·8]	–	25·6	25·8	26·0	26·4	26·3	26·5	28·0	28·4	28·3	28·6	27·6	27·8	27·1	27·2	26·7	26·8	21
22	25·1	25·5	25·3	25·7	26·0	26·4	25·8	26·1	27·2	27·3	28·0	28·1	27·3	27·5	26·4	26·8	26·0	26·3	26·0	26·1	26·2	26·3	26·2	26·7	22
23	20·0	20·6	19·4	19·8	19·5	19·8	19·1	19·7	[18·7]	–	[18·3]	–	[17·8]	–	[17·4]	–	17·0	17·6	17·4	17·8	18·2	18·8	19·1	19·7	23
24	[29·4]	–	[29·9]	–	[30·5]	–	[31·0]	–	31·7	31·7	31·9	31·8	32·0	31·8	35·0	33·8	36·1	36·1	36·0	36·0	36·1	36·1	36·1	36·0	24
25	37·0	36·9	36·1	36·3	36·0	35·9	35·9	35·8	34·0	34·2	33·3	33·5	32·8	32·8	32·8	32·8	32·1	32·2	32·0	31·9	31·5	31·8	33·0	31·9	25
26	37·0	37·0	33·2	32·5	37·0	33·0	33·0	30·9	[33·0]	–	[31·0]	–	[28·0]	–	[31·5]	–	32·7	32·8	32·7	29·6	33·8	28·9	33·0	29·2	26
27	[35·4]	–	[35·0]	–	[35·0]	–	[34·7]	–	34·9	33·6	35·1	34·6	35·7	35·5	35·8	35·6	35·2	35·3	33·9	33·8	33·7	33·0	33·6	33·7	27
28	29·9	29·8	31·8	31·8	32·7	32·4	32·4	32·5	32·2	32·5	32·7	32·8	32·9	33·0	32·9	33·0	33·1	33·2	33·7	33·8	33·2	33·6	33·5	33·6	28
29	34·7	34·8	34·9	34·9	34·6	34·7	34·7	34·8	[34·7]	–	[34·6]	–	[34·5]	–	[34·4]	–	34·4	34·5	34·6	34·8	33·9	34·0	33·2	33·5	29
30	[24·2]	–	[23·7]	–	[23·1]	–	[22·5]	–	22·1	22·8	21·9	22·5	21·0	21·7	20·2	20·8	17·1	17·3	18·7	19·2	19·9	20·1	19·5	19·8	30
31	22·9	22·7	28·1	26·2	26·1	23·1	28·9	28·8	27·7	22·8	29·9	25·1	31·0	24·8	31·2	26·8	28·9	23·2	31·2	23·9	32·0	24·4	31·7	25·5	31
Obs. Means.	25·4	–	25·8	–	26·1	–	25·8	–	26·5	–	26·8	–	27·0	–	26·4	–	25·7	–	25·8	–	25·9	–	26·0	–	Obs. Means.
Gen. Means.	25·3	–	25·4	–	25·7	–	25·8	–	25·7	–	25·8	–	25·7	–	25·9	–	25·7	–	25·8	–	25·9	–	26·0	–	Gen. Means.

DECEMBER 1883.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·2	–	25·7	–	26·2	–	28·0	–	28·0	–	29·3	–	30·0	–	30·0	–	30·2	–	28·2	–	25·2	–	23·2	–	24·8	–	1
2	23·8	–	24·1	–	24·0	–	23·8	–	24·0	–	24·1	–	24·9	–	25·4	–	26·0	–	26·0	–	26·0	–	25·9	–	24·1	–	2
3	23·8	–	23·4	–	23·7	–	23·1	–	21·5	–	20·0	–	18·5	–	18·5	–	[18·0]	–	[17·2]	–	[16·6]	–	17·2	–	23·1	–	3
4	23·0	–	22·7	–	22·5	–	22·2	–	22·3	–	21·8	–	21·7	–	21·5	–	21·1	–	20·9	–	20·5	–	20·6	–	20·8	–	4
5	21·0	–	20·0	–	19·8	–	19·8	–	20·2	–	20·5	–	20·9	–	20·1	–	19·2	–	18·3	–	17·5	–	17·5	–	19·5	–	5
6	20·0	–	19·5	–	19·1	–	18·2	–	17·9	–	17·8	–	17·1	–	17·1	–	17·0	–	[17·1]	–	[17·2]	–	17·3	–	17·9	–	6
7	21·8	22·0	22·3	22·3	22·5	22·4	23·5	23·8	24·2	24·0	24·0	24·1	25·0	25·1	25·2	25·3	25·4	25·7	25·9	25·9	26·5	26·5	27·7	27·7	21·9	–	7
8	31·8	31·8	31·4	31·8	30·3	30·4	30·3	30·5	28·8	28·8	27·0	27·0	26·2	26·4	26·4	26·8	27·4	27·5	29·0	29·0	29·1	29·1	29·2	29·3	30·0	–	8
9	25·7	26·0	25·4	25·8	24·3	24·8	24·3	24·7	25·0	24·8	24·1	24·6	24·0	24·2	24·0	24·5	[24·0]	–	[24·1]	–	[24·2]	–	24·2	24·6	27·0	–	9
10	28·4	28·6	29·0	29·4	29·8	29·8	29·6	29·7	29·3	29·4	29·0	29·1	29·0	29·0	28·1	28·4	27·2	27·6	27·0	27·5	27·1	27·1	26·2	26·6	27·0	–	10
11	21·0	21·1	21·1	21·6	21·1	21·6	21·3	21·8	21·5	21·8	[21·8]	–	22·2	22·6	[22·0]	–	[21·8]	–	[21·5]	–	[21·0]	–	[20·3]	–	22·0	–	11
12	18·0	18·4	18·2	18·7	18·7	18·8	19·3	19·5	19·3	19·8	20·2	20·3	20·4	20·6	20·8	20·8	[21·0]	–	[21·7]	–	[22·4]	–	23·0	22·7	19·3	–	12
13	33·8	34·2	32·0	31·8	30·0	31·1	30·6	30·7	30·1	30·0	29·0	29·0	28·5	28·8	27·8	27·9	27·3	27·6	27·6	27·7	26·3	26·8	26·1	26·8	30·6	–	13
14	22·3	22·7	21·3	21·7	20·5	20·8	20·9	21·3	[20·4]	–	19·8	19·9	19·9	20·6	21·0	21·0	23·2	23·5	24·5	24·6	23·8	23·8	22·8	22·9	23·1	–	14
15	21·3	21·6	21·2	21·7	20·4	20·9	20·0	20·6	19·0	19·7	18·7	18·9	19·8	19·8	20·8	20·8	[21·0]	–	[20·0]	–	[19·0]	–	18·0	18·7	20·6	–	15
16	16·5	16·8	17·0	17·5	17·0	17·3	17·3	17·7	16·7	17·0	17·0	17·5	17·2	17·7	16·9	17·5	16·9	17·4	16·4	16·9	16·0	16·6	15·8	16·4	16·7	–	16
17	19·0	19·1	21·0	20·8	22·8	22·7	23·8	23·7	24·0	23·9	24·7	24·5	25·7	25·6	26·1	25·8	27·4	27·6	27·0	26·8	24·2	24·8	25·0	25·3	20·5	–	17
18	31·8	31·8	31·8	31·8	32·0	31·8	30·7	31·7	27·5	27·9	26·6	26·9	25·0	25·5	24·2	24·6	[24·8]	–	[24·4]	–	[24·2]	–	23·9	24·0	28·1	–	18
19	25·8	25·8	[25·8]	–	25·8	25·8	26·4	26·7	28·5	28·8	28·1	28·3	31·1	29·9	32·0	32·0	33·4	32·8	34·0	34·0	34·8	34·8	35·0	34·7	27·3	–	19
20	26·1	26·5	25·8	25·9	25·4	25·8	25·0	25·1	25·0	25·1	24·3	24·8	25·0	25·0	23·9	24·3	23·9	24·0	24·0	24·3	23·6	23·8	23·4	23·7	27·7	–	20
21	25·9	26·0	25·2	25·6	25·2	25·5	24·1	24·6	24·8	25·0	24·2	24·6	24·0	24·3	24·2	24·4	[24·4]	–	[24·5]	–	[24·6]	–	24·8	24·8	25·5	–	21
22	26·7	26·8	26·2	26·5	25·9	26·1	25·8	25·8	25·0	25·2	24·0	24·3	23·4	23·8	22·3	22·5	21·6	21·8	21·5	21·8	21·1	21·8	20·4	20·8	24·9	–	22
23	20·0	20·2	20·4	20·3	20·6	20·8	19·9	20·2	20·5	20·8	21·1	21·6	21·8	21·8	22·0	22·1	23·2	23·3	25·5	25·6	26·7	26·7	29·0	28·9	20·5	–	23
24	36·2	36·5	36·2	36·2	36·2	36·2	36·0	36·0	37·3	37·5	36·1	36·3	36·7	36·7	37·1	37·2	[37·0]	–	[37·0]	–	[37·0]	–	[37·0]	–	34·8	–	24
25	36·9	33·4	37·6	33·1	40·9	31·8	37·7	30·8	39·8	31·8	40·0	32·8	39·3	32·2	38·4	32·1	32·8	31·7	38·8	34·7	37·0	36·1	38·9	38·5	36·0	–	25
26	33·0	30·5	35·9	28·8	29·0	28·8	28·2	28·2	28·3	28·5	28·0	28·2	28·2	27·6	31·7	29·0	32·2	30·0	33·8	31·8	33·8	31·8	36·0	33·2	32·2	–	26
27	32·1	32·2	30·9	31·8	31·6	31·9	32·9	32·3	31·9	32·2	31·5	31·9	30·0	30·8	28·9	29·0	[29·0]	–	[32·0]	–	[32·0]	–	31·9	30·8	33·0	–	27
28	32·6	32·8	33·2	33·6	33·3	33·4	33·8	33·8	34·2	34·5	34·2	34·8	34·3	34·6	34·9	34·8	34·9	35·2	34·9	34·9	34·8	34·8	33·8	33·8	33·3	–	28
29	33·0	33·1	32·9	32·9	32·7	32·8	32·0	32·3	31·9	31·9	31·8	31·8	31·5	31·8	29·9	30·7	27·1	27·8	26·2	26·8	25·3	25·8	24·7	24·9	32·2	–	29
30	19·5	19·0	19·7	19·6	21·3	21·1	21·0	18·8	21·2	19·0	21·6	20·1	22·7	21·6	23·4	22·7	[23·0]	–	[23·3]	–	[23·6]	–	23·9	23·4	21·6	–	30
31	29·4	24·1	28·0	24·5	30·1	24·5	27·9	25·5	26·9	24·8	27·2	25·8	27·7	26·1	27·0	25·0	25·4	24·8	23·8	24·1	23·8	23·8	22·8	23·1	27·9	–	31
Obs. Means.	26·0	–	26·0	–	25·9	–	25·7	–	25·8	–	25·5	–	25·5	–	25·6	–	25·8	–	26·7	–	26·2	–	25·1	–	26·0	–	Obs. Means.
Gen. Means.	26·0	–	26·0	–	25·9	–	25·7	–	25·6	–	25·4	–	25·5	–	25·5	–	25·4	–	25·7	–	25·3	–	25·3	–	25·7	–	Gen. Means.

JANUARY 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	23·1	23·6	22·9	23·1	23·7	23·9	24·1	23·8	[23·8]	–	[23·5]	–	[23·2]	–	[22·8]	–	22·4	22·6	21·8	22·1	21·1	21·8	21·0	21·6	1
2	[20·0]	–	[20·0]	–	[20·2]	–	[20·4]	–	20·6	21·0	20·7	20·9	20·6	20·8	20·4	20·8	20·5	20·7	20·2	20·8	20·2	20·8	20·7	21·0	2
3	18·2	18·7	18·6	18·8	18·7	18·7	18·9	19·1	19·4	19·8	20·7	20·9	22·7	22·8	22·9	23·0	22·9	22·9	23·1	23·0	23·9	22·9	21·3	21·5	3
4	22·6	22·8	22·8	23·0	23·2	23·6	23·9	24·0	[24·0]	–	[24·0]	–	[24·0]	–	[24·0]	–	23·9	24·2	24·0	24·3	24·2	24·5	24·2	24·7	4
5	[29·0]	–	[30·0]	–	[30·8]	–	[31·5]	–	31·7	31·8	31·8	31·8	31·9	31·9	34·0	–	34·2	34·5	34·4	34·6	33·2	33·5	32·7	32·8	5
6	[31·2]	–	30·9	31·1	[30·9]	–	30·9	31·0	30·4	30·6	30·7	30·8	30·5	30·6	30·2	30·3	29·4	29·8	29·5	29·8	29·9	30·0	30·1	30·3	6
7	26·9	27·0	26·9	27·1	27·7	27·8	27·9	28·1	[28·0]	–	[27·0]	–	[26·5]	–	[25·2]	–	24·8	25·0	25·4	25·7	25·9	26·0	26·1	26·4	7
8	[22·0]	–	[23·0]	–	[24·1]	–	[25·2]	–	26·3	26·7	27·7	27·7	28·7	28·7	29·3	29·4	30·8	30·7	31·3	31·4	31·9	31·8	32·2	31·9	8
9	34·2	34·3	34·5	34·7	34·8	34·8	35·1	35·5	34·9	35·1	35·4	35·5	35·3	35·4	35·0	35·1	34·7	34·8	33·9	34·1	32·4	32·7	31·9	31·9	9
10	28·2	28·5	26·1	26·6	25·6	25·8	27·4	27·6	[27·5]	–	[27·5]	–	[27·7]	–	[28·0]	–	28·0	28·8	28·8	28·9	28·5	28·7	28·1	28·5	10
11	[22·5]	–	[22·0]	–	[21·4]	–	[20·8]	–	20·0	19·8	19·9	19·7	18·8	18·6	16·9	16·8	16·9	16·8	18·3	18·8	19·1	19·7	20·1	20·7	11
12	19·8	20·4	19·8	20·2	20·1	20·6	20·9	21·1	21·3	21·7	21·9	22·3	22·6	22·9	23·4	23·6	23·8	24·2	24·9	24·9	25·2	25·5	26·8	26·8	12
13	29·3	29·6	28·3	28·9	28·5	28·8	28·5	28·8	[28·5]	–	[28·6]	–	[28·6]	–	[28·7]	–	28·7	28·8	28·4	28·7	28·7	28·8	28·5	28·7	13
14	[32·1]	–	[32·3]	–	[32·5]	–	[32·7]	–	32·9	33·0	32·8	32·8	32·5	32·8	32·4	32·6	31·8	31·8	30·7	30·8	30·7	30·8	29·7	29·8	14
15	33·8	33·4	33·6	33·1	33·8	33·8	31·0	31·8	30·9	30·8	30·9	31·1	31·7	31·7	32·1	32·0	32·7	32·4	32·3	32·6	33·0	33·0	33·2	33·6	15
16	31·1	31·8	30·1	30·7	28·8	29·0	29·2	29·5	[29·4]	–	[29·2]	–	[29·0]	–	[29·0]	–	29·1	29·5	29·8	29·8	30·0	30·0	30·4	30·6	16
17	[33·2]	–	[32·4]	–	[31·6]	–	[30·8]	–	30·1	30·5	28·8	28·9	29·1	29·5	28·9	29·2	29·1	29·5	30·0	30·1	30·0	30·6	30·7	30·8	17
18	30·9	31·0	30·6	30·8	30·5	30·8	31·0	31·4	31·5	31·7	31·7	31·8	31·7	31·8	31·6	31·8	31·6	31·8	30·9	31·1	30·4	30·7	29·9	31·1	18
19	32·1	32·1	32·1	32·2	32·3	32·5	32·5	32·6	[32·8]	–	[33·0]	–	[32·5]	–	[32·0]	–	30·9	31·8	29·1	29·5	25·0	23·6	25·9	23·8	19
20	[33·0]	–	[33·0]	–	[33·0]	–	[33·0]	–	33·1	33·3	28·3	29·3	27·8	27·9	26·9	27·1	26·1	26·5	26·6	26·8	26·9	27·2	27·4	27·5	20
21	23·4	23·8	23·7	23·5	23·7	23·8	23·2	23·8	22·9	23·4	23·3	23·8	23·9	24·2	24·2	24·6	24·2	24·6	24·8	25·0	24·9	25·2	25·5	25·8	21
22	[31·8]	–	31·9	31·9	31·7	31·8	30·1	30·2	[30·0]	–	[28·6]	–	[27·2]	–	[26·4]	–	25·7	26·1	25·2	25·8	25·1	25·8	25·0	25·7	22
23	[21·0]	–	[21·1]	–	[21·2]	–	[21·3]	–	21·4	21·8	22·1	22·7	22·1	22·7	22·9	23·2	23·2	23·7	23·2	23·6	[23·2]	–	[23·2]	–	23
24	20·2	20·8	18·7	19·8	22·2	23·3	20·9	21·8	16·0	16·9	15·2	16·1	14·6	15·4	15·4	16·0	15·9	16·0	15·9	16·5	16·3	16·8	16·9	17·6	24
25	22·7	23·1	22·2	22·8	23·2	23·6	20·7	21·3	[19·0]	–	[18·0]	–	[17·5]	–	[17·0]	–	16·7	17·6	16·1	16·7	16·1	16·8	16·9	17·6	25
26	[14·6]	–	[14·4]	–	[14·2]	–	[14·0]	–	14·3	14·8	14·7	15·0	14·6	14·7	14·1	14·8	13·8	14·5	14·6	15·0	14·9	15·6	[15·4]	–	26
27	22·7	22·7	22·5	22·6	20·9	21·6	20·7	21·1	19·7	20·2	18·6	19·5	17·4	18·5	16·1	17·4	15·7	16·7	15·5	16·4	15·2	15·9	15·2	15·8	27
28	16·9	16·9	17·6	17·8	18·9	18·8	19·2	19·6	[19·0]	–	[19·0]	–	[19·0]	–	[19·0]	–	18·8	19·3	18·9	19·3	18·8	19·0	18·9	19·6	28
29	[19·7]	–	[20·0]	–	[20·2]	–	[20·5]	–	20·9	21·0	20·2	20·4	21·1	21·4	20·9	21·2	21·2	21·5	21·0	21·4	21·2	21·5	21·7	21·8	29
30	24·9	25·6	24·9	25·4	24·5	24·8	24·6	24·7	24·9	25·1	25·2	25·3	26·2	26·3	26·7	27·0	25·7	26·1	24·6	24·8	23·8	24·0	22·9	23·4	30
31	23·9	24·4	24·4	24·7	24·7	24·7	24·9	24·8	[24·9]	–	[24·9]	–	[24·9]	–	[24·9]	–	24·9	25·0	24·9	25·1	24·9	25·1	25·0	25·4	31
Obs. Means.	25·5	–	25·9	–	25·9	–	26·0	–	25·2	–	25·0	–	25·2	–	25·2	–	25·1	–	25·1	–	25·0	–	25·5	–	Obs. Means.
Gen. Means.	25·6	–	25·5	–	25·7	–	25·7	–	25·1	–	25·3	–	25·3	–	25·2	–	25·1	–	25·1	–	25·0	–	25·1	–	Gen. Means.

JANUARY 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	20·7	21·1	20·2	20·7	20·6	20·9	19·3	19·8	19·7	19·9	19·2	19·6	19·9	20·5	19·5	20·9	19·9	20·0	19·9	20·1	19·6	19·9	19·9	20·1	21·3	–	1
2	19·9	20·5	19·7	20·0	19·7	20·1	19·6	19·8	19·6	19·8	19·3	19·8	19·2	19·8	19·1	19·8	[19·0]	–	18·9	19·6	[18·5]	–	18·2	18·8	19·8	–	2
3	20·5	20·7	19·6	19·8	19·7	19·7	19·7	19·9	19·9	20·1	19·9	20·3	20·1	20·6	20·1	20·7	20·9	21·1	21·7	21·8	21·9	21·3	22·2	22·7	20·7	–	3
4	24·1	24·4	24·3	24·7	24·3	24·6	24·7	24·8	24·9	25·0	25·7	25·8	25·9	26·0	27·9	27·6	27·0	27·5	28·9	28·8	30·6	30·5	28·9	29·3	25·1	–	4
5	32·2	32·5	31·9	31·9	31·9	31·8	31·7	31·8	31·6	31·8	31·9	31·8	31·0	31·4	31·3	31·6	[31·4]	–	31·5	31·7	[31·6]	–	31·6	31·8	31·9	–	5
6	30·1	30·3	30·2	30·4	29·6	29·9	28·9	29·5	28·9	29·2	28·3	28·8	27·7	27·9	27·8	27·9	27·6	27·9	27·3	27·8	26·7	26·9	26·8	27·1	29·4	–	6
7	26·0	26·4	25·9	26·3	24·4	24·8	23·7	24·1	22·6	23·2	22·7	22·8	21·7	22·4	21·7	22·1	20·5	20·9	20·9	21·3	21·0	21·8	21·2	21·8	24·6	–	7
8	32·2	31·9	31·9	32·0	31·1	31·8	29·9	29·9	30·1	29·9	31·0	31·1	31·8	31·8	32·9	32·1	[33·2]	–	[33·5]	–	[33·7]	–	33·9	34·1	29·9	–	8
9	32·2	32·0	31·0	31·8	29·8	30·0	30·2	30·6	29·2	29·6	27·9	28·5	27·9	28·1	27·9	28·1	26·8	27·5	26·9	27·5	26·9	27·4	27·8	27·9	31·5	–	9
10	27·5	27·8	27·6	27·8	26·3	26·7	25·2	25·6	24·9	25·1	24·8	25·3	24·6	24·9	24·1	24·8	23·3	23·7	23·2	23·7	23·3	23·7	22·9	23·4	26·2	–	10
11	19·2	19·8	20·2	20·6	20·4	20·8	20·2	20·7	20·1	20·7	20·2	20·7	20·7	21·1	20·8	21·3	20·8	21·1	[20·5]	–	[20·2]	–	19·8	20·2	20·0	–	11
12	26·2	–	27·5	–	27·5	–	27·6	27·8	27·0	27·7	28·1	28·5	28·5	28·8	28·9	28·8	28·9	29·2	29·2	29·5	29·3	29·6	29·8	29·8	26·2	–	12
13	28·7	28·9	28·9	29·0	28·8	29·0	28·9	29·1	29·4	29·5	30·0	29·8	30·7	30·9	30·8	30·8	30·9	31·1	31·6	31·7	31·9	31·9	32·0	32·0	29·4	–	13
14	29·1	29·5	29·7	29·8	29·7	29·8	30·1	30·5	30·9	31·1	31·8	31·8	32·0	31·9	34·1	34·3	34·4	34·6	[34·0]	–	[33·0]	–	32·9	33·0	31·9	–	14
15	33·7	33·8	33·9	34·1	34·0	34·1	33·7	33·8	33·4	33·6	32·9	32·9	32·2	32·6	32·0	32·2	31·9	31·9	31·9	31·9	31·7	31·8	31·8	31·8	32·2	–	15
16	31·5	31·6	31·8	31·8	32·7	31·9	36·8	35·8	36·5	35·8	36·7	35·8	36·8	35·7	36·8	35·8	36·0	35·3	34·9	34·7	34·6	34·2	34·0	33·8	32·3	–	16
17	30·9	31·1	31·1	31·4	31·2	31·5	31·1	31·4	31·1	31·5	31·5	31·7	31·3	31·6	30·9	31·1	30·9	30·8	[30·8]	–	[30·5]	–	30·3	30·7	30·7	–	17
18	29·9	30·0	29·9	30·0	30·6	30·7	30·7	30·8	30·9	30·9	30·9	30·9	31·2	31·4	31·6	31·7	31·9	31·8	31·9	31·8	31·9	31·8	32·0	31·9	31·1	–	18
19	26·9	25·3	26·2	24·6	28·7	28·2	30·4	30·5	31·6	31·8	32·1	31·9	33·1	33·0	33·9	34·0	34·2	34·4	34·2	34·5	33·3	33·6	33·1	33·5	31·2	–	19
20	27·9	28·4	28·8	29·0	28·9	29·1	28·9	29·2	29·4	29·7	29·5	29·7	29·0	28·9	28·9	28·8	25·8	26·3	24·8	25·1	23·7	24·0	22·1	22·7	28·4	–	20
21	26·8	26·8	28·5	28·6	29·6	29·6	29·6	29·6	31·3	31·6	30·9	31·0	30·9	31·0	31·0	31·2	[31·2]	–	[31·4]	–	[31·5]	–	31·7	31·8	27·2	–	21
22	25·0	25·6	24·1	24·8	23·9	24·6	23·8	24·2	23·4	23·9	23·0	23·6	22·9	23·6	22·0	22·7	21·9	22·6	21·9	22·5	21·0	21·8	20·9	21·7	25·5	–	22
23	[23·3]	–	23·3	–	[24·0]	–	24·8	24·7	22·6	23·3	21·9	22·7	21·9	22·6	22·4	22·7	22·1	22·6	[21·7]	–	[21·2]	–	[20·7]	–	22·3	–	23
24	17·5	18·0	16·3	–	18·5	–	18·8	–	19·7	–	20·2	–	20·7	–	21·9	22·1	22·1	22·6	22·1	22·6	22·8	22·8	22·7	22·9	18·9	–	24
25	17·6	17·8	17·7	18·0	16·7	17·5	15·9	16·8	16·9	17·2	15·9	16·6	15·1	15·9	14·8	15·6	14·7	15·1	14·7	15·2	14·8	15·5	14·7	15·3	17·3	–	25
26	[16·0]	–	[16·7]	–	[17·5]	–	[18·2]	–	[18·6]	–	[19·0]	–	[19·5]	–	[20·0]	–	[20·6]	–	21·8	–	21·0	21·6	21·4	21·7	16·8	–	26
27	15·1	15·9	15·2	15·8	14·9	15·7	14·6	15·5	14·9	15·6	15·2	15·8	14·9	15·7	14·8	15·5	15·1	15·8	15·9	16·1	16·0	16·6	16·2	16·7	16·8	–	27
28	19·9	20·0	20·8	20·8	20·5	20·6	19·9	20·1	19·7	19·8	19·3	19·7	19·8	19·9	19·5	19·6	19·4	19·6	19·2	19·6	19·1	19·6	19·5	19·6	19·2	–	28
29	23·7	23·6	25·4	25·6	28·0	27·9	29·2	29·8	29·2	30·0	29·7	30·1	28·8	28·7	26·9	27·7	26·9	27·7	[26·3]	–	[25·7]	–	25·2	25·8	23·9	–	29
30	22·5	22·8	22·5	22·8	22·2	22·8	22·0	22·7	21·4	22·0	20·9	21·6	20·9	21·2	21·3	21·6	22·5	22·7	22·8	23·5	23·7	23·8	23·9	24·1	23·6	–	30
31	25·2	25·5	25·1	25·8	24·6	25·0	24·0	24·7	24·2	24·6	24·4	24·6	24·6	24·8	24·9	25·0	25·1	25·3	25·1	25·2	24·9	25·1	24·6	25·1	24·7	–	31
Obs. Means.	25·6	–	25·6	–	25·8	–	25·8	–	25·8	–	25·9	–	25·9	–	26·0	–	25·4	–	25·1	–	25·0	–	25·7	–	25·5	–	Obs. Means.
Gen. Means.	25·2	–	25·4	–	25·5	–	25·6	–	25·6	–	25·6	–	25·7	–	25·8	–	25·7	–	25·8	–	25·7	–	25·6	–	25·5	–	Gen. Means.

FEBRUARY 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	[24·4]	–	[24·0]	–	[23·6]	–	[23·4]	–	23·1	23·7	23·1	23·7	23·2	23·7	23·3	23·7	23·1	23·7	23·0	23·7	22·9	23·5	22·9	23·5	1
2	10·8	11·8	11·1	11·8	11·5	12·2	11·7	12·6	11·7	12·6	11·4	12·2	10·8	11·8	10·0	11·0	9·9	10·8	10·9	11·6	12·9	13·8	13·8	14·2	2
3	22·6	–	23·8	–	27·0	–	30·9	–	[31·2]	–	[31·5]	–	[31·8]	–	[31·9]	–	31·9	–	31·8	–	31·6	–	31·4	–	3
4	[33·8]	–	[33·9]	–	[33·9]	–	[34·0]	–	33·9	–	32·4	–	31·6	–	30·8	–	30·1	–	29·6	–	29·6	–	30·1	–	4
5	32·7	–	32·7	–	33·0	–	33·7	–	33·8	–	33·6	–	33·8	–	33·6	-	33·6	–	33·0	–	32·8	–	31·8	–	5
6	29·1	–	29·6	–	29·6	–	29·5	–	[29·2]	-	[28·8]	–	[28·4]	–	[28·0]	–	27·9	–	28·8	–	30·0	–	31·0	–	6
7	[24·8]	–	[23·5]	-	[22·2]	–	[21·0]	–	20·1	–	19·8	–	18·1	–	17·8	–	18·3	–	17·5	–	18·1	–	18·3	–	7
8	16·0	–	16·0	–	16·7	–	17·3	–	17·1	–	18·0	–	18·6	–	19·6	–	20·1	–	19·9	–	22·5	–	23·8	–	8
9	30·7	–	30·7	–	30·7	–	30·7	–	[30·8]	–	[31·0]	–	[31·2]	–	[31·3]	–	31·8	–	31·6	–	31·5	–	31·6	–	9
10	[19·5]	–	[20·8]	–	[21·5]	–	[22·7]	–	23·1	–	[22·6]	–	22·1	-	21·2	–	20·1	–	20·0	–	19·7	–	18·9	–	10
11	[21·5]	–	[20·8]	–	20·1	–	19·7	–	18·7	–	18·6	–	18·5	–	18·2	–	18·0	–	17·9	–	18·1	–	18·8	–	11
12	22·1	–	22·1	–	23·8	–	[25·0]	–	[26·5]	–	[28·0]	–	[29·0]	–	[30·0]	–	30·9	–	31·7	–	31·8	–	31·8	–	12
13	[29·0]	–	[28·5]	–	[27·9]	–	[27·2]	–	[26·5]	–	26·1	–	27·4	–	28·3	–	29·8	–	30·5	–	30·8	-	31·1	–	13
14	24·9	–	25·6	–	26·7	–	28·0	–	30·0	–	30·9	–	30·3	–	29·8	–	29·6	–	27·9	–	27·1	–	27·0	–	14
15	24·6	–	24·8	–	25·1	–	27·8	–	[27·0]	–	[26·2]	.	[25·0]	–	[24·3]	–	23·3	..	23·5	–	23·5	–	23·0	–	15
16	[19·1]	–	[19·1]	–	[19·2]	–	[19·2]	–	[19·3]	–	[19·3]	–	[19·4]	–	[19·4]	–	19·5	–	18·8	–	19·0	–	19·9	–	16
17	[19·1]	–	[19·2]	–	[19·2]	..	[19·3]	–	[19·4]	–	[19·5]	–	[19·6]	–	[19·7]	–	19·8	–	20·6	–	20·8	–	21·5	–	17
18	[22·0]	–	[22·0]	–	[22·0]	–	22·1	–	[22·2]	–	[22·4]	–	[22·6]	–	[22·8]	-	22·9	–	[23·3]	–	23·8	–	23·8	–	18
19	[21·0]	–	[20·5]	–	[20·0]	–	[19·5]	–	[19·0]	–	[18·5]	–	[18·5]	–	[19·0]	–	19·5	–	20·4	–	21·5	–	22·8	–	19
20	26·7	–	26·8	–	26·8	–	26·8	–	26·8	–	27·0	–	27·1	–	26·8	–	25·8	–	24·8	–	25·1	–	24·8	–	20
21	[29·5]	–	[28·4]	–	[27·2]	–	[26·0]	–	[24·8]	–	[23·6]	–	[22·5]	–	[21·5]	–	20·5	–	20·2	–	20·5	–	20·4	–	21
22	[21·0]	–	[21·1]	–	[21·2]	–	[21·4]	–	[21·6]	–	21·7	–	21·8	–	21·8	–	21·8	–	21·8	–	23·5	–	25·8	–	22
23	23·9	–	23·9	–	23·8	–	23·8	–	23·0	–	22·5	–	22·5	–	22·7	-	23·5	–	23·8	–	23·9	–	24·3	24·4	23
24	21·8	21·3	22·2	21·6	21·2	20·7	22·0	21·0	[22·0]	–	[22·0]	–	[22·0]	–	[22·0]	–	21·8	21·0	23·3	21·7	22·8	21·7	22·9	21·9	24
25	[24·6]	–	[24·5]	–	[24·5]	–	[24·4]	–	24·3	24·1	24·1	24·1	24·0	23·8	23·9	23·7	23·8	23·7	23·8	23·7	23·3	23·2	23·2	23·1	25
26	21·3	21·1	21·0	20·8	21·0	20·8	21·0	20·8	[21·0]	–	[21·0]	–	[21·0]	–	[21·0]	–	21·2	21·0	20·8	20·6	23·5	23·3	23·8	23·7	26
27	[18·7]	–	[18·3]	–	[17·8]	–	[17·5]	–	17·7	17·7	17·8	17·8	17·9	17·8	18·8	18·6	18·8	18·7	18·9	18·8	19·5	19·3	19·2	19·1	27
28	19·1	19·2	[19·0]	–	19·0	18·8	[18·9]	–	18·8	18·8	18·0	18·0	17·2	17·2	16·8	16·8	16·7	16·8	17·8	17·8	18·3	18·2	18·2	18·0	28
29	12·3	12·5	12·0	12·0	11·9	12·1	11·3	11·8	[11·2]	–	[11·5]		[12·0]	-	[12·5]	–	13·0	13·0	13·5	14·5	13·4	14·1	14·5	15·1	29
30																									30
31																									31
Obs. Means.	22·6	–	23·0	–	23·0	–	23·8	–	23·0	–	23·0	–	22·8	–	22·7	–	23·0	–	23·1	–	23·5	–	23·8	–	Obs. Means.
Gen. Means.	23·0	–	23·0	–	23·0	..	23·3	–	23·2	–	23·1	–	23·0	–	23·0	–	23·0	–	23·1	–	23·5		23·8		Gen. Means.

FEBRUARY 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	22·9	23·5	22·6	23·0	20·6	21·1	18·4	19·2	16·2	17·5	14·7	15·6	13·8	14·6	13·1	14·5	12·9	13·8	[12·3]	–	[11·5]	–	10·8	11·8	19·6	–	1
2	15·9	16·1	16·9	16·9	17·1	17·2	17·0	17·1	16·4	–	17·6	–	18·1	–	19·9	–	20·3	–	20·1	–	21·1	–	21·9	–	14·9	–	
3	31·5	–	31·6	–	31·1	–	31·4	–	31·7	–	31·8	–	31·9	–	33·6	–	32·6	–	32·8	–	33·0	–	33·8	–	31·0	–	3
4	31·5	–	31·9	–	33·1	–	33·8	–	33·8	–	34·6	–	34·3	–	34·0	–	33·8	–	[33·3]	–	[32·8]	–	32·3	–	32·6	–	4
5	32·0	–	32·0	–	32·1	–	33·6	–	32·6	–	32·0	–	31·8	–	29·8	–	29·8	–	29·3	–	28·9	–	28·8	–	32·1	–	5
6	31·1	–	30·7	–	29·6	–	28·7	–	28·0	–	27·9	–	28·4	–	28·7	–	28·8	–	28·8	–	26·6	–	25·8	–	28·9	–	6
7	19·5	–	19·8	–	19·5	–	19·4	–	18·8	–	18·3	–	17·8	–	18·5	–	18·1	–	[17·5]	–	[16·5]	–	15·8	–	19·1	–	7
8	25·6	–	26·5	–	27·1	–	27·1	–	27·3	–	27·6	–	27·6	–	27·5	–	27·6	–	28·1	–	28·6	–	28·7	–	23·1	–	8
9	31·7	–	31·8	–	31·5	–	31·5	–	30·8	–	28·8	–	27·8	–	25·1	–	23·7	–	21·1	–	20·5	–	19·3	–	29·0	–	9
10	17·9	–	17·5	–	17·8	–	18·7	–	20·4	–	21·7	–	22·7	–	23·1	–	23·2	–	[23·0]	–	[22·5]	–	[22·0]	–	20·9	–	10
11	19·3	–	19·8	–	20·0	–	20·3	–	20·7	–	20·9	–	21·8	–	22·4	–	22·8	–	23·1	–	23·0	–	22·8	–	20·2	–	11
12	31·8	–	31·8	–	31·8	–	31·8	–	31·8	–	31·8	–	31·8	–	31·8	–	31·8	–	31·8	–	31·1	–	30·0	–	29·7	–	12
13	31·6	–	31·2	–	29·9	–	29·1	–	27·9	–	27·6	–	26·9	–	26·7	–	26·1	–	25·9	–	25·9	–	25·6	–	28·2	–	13
14	27·0	–	26·6	–	26·7	–	26·5	–	26·5	–	26·8	–	25·0	–	26·9	–	24·8	–	27·6	–	27·0	–	24·8	–	27·2	–	14
15	23·6	–	20·9	–	21·8	–	21·5	–	21·0	–	19·8	–	20·8	–	19·7		19·1	–	[19·0]	–	[19·0]	–	[19·0]	–	22·6		15
16	20·5	–	20·5	–	20·3	–	20·8	–	19·9	–	19·8	–	19·2	–	[19·2]	–	[19·2]	–	[19·1]	–	[19·1]	–	[19·1]	–	19·5	–	16
17	21·8	–	21·9	–	22·0	–	22·5	–	22·4	–	22·2	–	22·7	–	21·8	–	21·9	–	[21·9]	–	[22·0]	–	22·0	–	21·0	–	17
18	24·0	–	24·0	–	24·8	–	[25·3]	–	25·8	–	23·4	–	22·8	–	22·8	–	22·8	–	[22·5]	–	[22·0]	–	[21·5]	–	23·1	–	18
19	23·6	–	23·9	–	24·2	–	24·1	–	24·7	–	25·0	–	24·9	–	24·8	–	24·8	–	[25·0]	–	[25·5]	–	[26·0]	–	22·4	–	19
20	25·8	–	25·2	–	25·0	–	24·0	–	24·0	–	24·6	–	24·8	–	24·8	–	26·8	–	[28·0]	–	[29·5]	–	30·8	–	26·2	–	20
21	21·0	–	21·9	–	22·4	–	21·7	–	21·8	–	21·8	–	20·9	–	20·8	–	20·0	–	19·3	–	20·8	–	20·8	–	22·4	–	21
22	25·3	–	23·8	–	23·0	–	23·5	–	23·8	–	23·9	–	24·0	–	23·3	–	22·9	–	[23·0]	–	[23·5]	–	23·8	–	22·8	–	22
23	23·2	23·1	23·9	23·8	23·4	23·3	23·3	23·2	23·4	23·2	23·0	23·8	22·9	22·7	22·6	22·5	22·3	22·0	21·8	21·7	21·8	21·7	21·1	20·9	23·1	–	23
24	22·6	21·4	22·3	22·3	23·0	22·5	23·1	23·1	24·0	24·0	25·0	24·8	25·0	24·8	24·7	24·6	24·8	24·6	24·3	24·1	24·3	24·1	24·7	24·5	23·1	–	24
25	23·9	23·7	24·0	23·8	23·0	22·8	21·7	21·8	20·2	20·3	21·0	20·9	21·3	21·2	21·0	20·9	20·8	20·8	20·8	20·7	21·8	20·8	21·0	20·8	22·8	–	25
26	23·2	23·0	22·7	22·8	21·1	21·1	21·0	21·0	20·3	20·3	19·7	19·7	19·9	19·8	20·0	19·8	20·0	19·8	19·4	19·4	19·0	18·9	19·0	19·0	21·0	–	26
27	19·1	19·0	19·3	19·2	19·6	19·5	20·0	19·8	19·5	19·3	18·5	18·5	18·0	17·8	19·8	19·5	20·3	20·1	[20·0]	–	[19·6]	–	[19·3]	–	18·9	–	27
28	17·8	17·8	17·1	17·2	16·3	16·5	16·3	16·2	15·8	15·6	15·5	15·5	14·0	13·9	13·9	13·6	14·0	13·8	13·7	14·3	13·1	13·5	12·3	12·8	16·6	–	28
29	15·4	15·9	15·5	16·0	14·8	15·3	14·8	15·3	15·2	15·7	14·9	15·3	14·8	15·2	14·6	15·2	15·3	15·6	15·2	15·4	15·2	15·4	15·2	15·5	13·8	–	29
30																											30
31																											31
Obs. Means.	24·1	–	24·1	–	23·9	–	23·8	–	23·6	–	23·5	–	23·3		23·4	–	23·3	–	23·7	–	23·6	–	22·7	–	23·3	–	Obs. Means.
Gen. Means.	24·1	–	24·1	–	23·9	–	23·8	–	23·6	–	23·5	–	23·3	–	23·2	–	23·2	–	23 0	–	22·9	–	22·7	–	23·3	–	Gen. Means.

MARCH 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	[15·5]	–	[16·3]	–	[16·8]	–	[17·5]	–	17·6	17·6	17·2	17·4	17·7	18·0	17·9	18·3	18·6	18·7	19·7	19·9	20·7	20·9	22·6	22·6	1
2	22·6	22·8	21·2	21·6	19·7	20·1	20·7	21·0	20·9	21·0	20·3	20·5	19·9	20·1	19·7	20·0	20·2	20·3	21·4	21·2	21·6	21·8	20·1	20·4	2
3	17·0	17·4	16·7	17·0	16·7	17·0	16·6	16·9	[16·5]	–	[16·5]	–	[16·5]	–	[16·5]	–	16·5	17·0	16·3	16·8	16·9	17·4	18·6	18·7	3
4	[24·5]	–	[24·3]	–	[24·0]	–	[23·8]	–	23·6	23·9	23·6	24·0	23·4	23·6	23·4	23·6	23·6	23·8	23·6	23·9	24·4	24·5	24·9	25·0	4
5	22·7	23·0	22·5	22·9	22·5	22·8	22·5	22·8	22·6	22·8	22·6	22·9	22·7	23·0	23·4	23·3	24·2	24·1	24·7	24·9	24·7	25·0	25·2	25·2	5
6	28·7	28·8	28·0	27·9	28·3	28·1	29·2	29·1	[29·2]	–	[29·3]	–	[29·3]	–	[29·4]	–	29·5	29·3	30·3	30·0	30·0	30·0	30·1	30·0	6
7	[29·2]	–	[29·1]	–	[29·0]	–	[29·0]	–	29·1	29·2	29·3	29·4	29·3	29·4	29·7	29·7	29·7	29·7	29·9	29·9	28·6	28·6	29·4	29·4	7
8	20·1	20·0	21·0	20·8	21·1	20·9	21·5	21·5	20·1	20·1	19·2	19·4	19·6	19·6	21·0	20·9	22·5	22·5	23·1	23·1	23·1	22·9	23·3	23·1	8
9	19·7	19·7	19·8	19·7	20·0	19·9	20·0	19·8	[20·0]	–	[20·1]	–	[20·1]	–	[20·2]	–	20·2	20·6	20·4	20·4	19·8	19·8	20·4	20·3	9
10	[22·2]	–	[22·2]	–	[22·0]	–	[22·0]	–	21·9	21·9	21·1	21·5	20·0	20·6	18·8	19·5	18·8	18·9	18·2	18·6	17·0	18·0	17·6	18·0	10
11	16·5	17·1	16·6	17·0	16·2	16·4	16·3	16·7	15·2	15·4	13·7	14·1	13·3	13·5	13·5	14·1	15·2	15·4	14·7	15·1	15·6	16·0	14·7	15·0	11
12	19·8	19·8	21·6	21·8	22·6	22·8	22·9	23·0	[23·0]	–	[23·2]	–	[23·4]	–	[23·6]	–	23·8	23·8	23·9	24·0	24·6	24·6	24·5	24·6	12
13	[26·0]	–	[26·2]	–	[26·4]	–	[26·6]	–	26·7	26·8	26·8	26·9	27·3	27·0	27·8	27·8	29·6	29·2	31·0	30·9	31·7	31·7	32·4	31·9	13
14	31·5	31·8	31·0	31·1	31·6	31·6	31·7	31·8	31·7	31·6	31·7	31·8	31·9	31·9	31·9	31·9	31·9	31·9	31·9	31·9	32·0	31·9	32·0	32·0	14
15	31·9	31·9	32·0	32·0	32·0	31·9	31·9	31·9	[32·0]	–	[32·2]	–	[32·4]	–	[32·6]	–	32·7	32·8	33·2	33·1	33·0	33·0	33·4	33·4	15
16	[33·7]	–	[34·0]	–	[34·4]	–	[34·8]	–	35·3	34·9	36·7	35·1	37·4	34·8	37·7	34·8	34·5	34·5	35·9	35·5	36·4	35·9	37·3	36·6	16
17	38·9	37·9	38·7	37·3	36·9	36·9	35·9	35·9	36·0	36·0	36·6	36·3	36·2	36·2	36·0	36·1	36·3	36·3	36·4	36·3	36·6	36·7	36·7	36·6	17
18	31·1	31·1	31·3	31·4	30·7	30·7	30·4	30·4	[30·0]	–	[29·7]	–	[29·5]	–	[29·8]	–	30·2	30·1	30·6	30·7	31·5	31·3	31·3	31·3	18
19	[25·2]	–	[25·2]	–	[25·1]	–	[25·1]	–	25·0	25·2	25·3	25·4	25·1	25·2	25·5	25·6	25·6	25·8	25·1	25·2	26·0	26·1	26·6	26·8	19
20	[24·0]	–	[24·6]	–	[25·2]	–	25·9	25·2	27·5	27·4	26·7	26·9	27·3	27·2	27·7	27·6	26·5	26·6	25·6	25·8	24·6	24·8	23·8	24·1	20
21	21·4	21·7	19·6	20·0	18·8	19·1	19·5	19·7	[19·8]	–	[20·2]	–	[20·6]	–	[21·0]	–	21·4	21·3	21·9	22·0	21·7	22·0	21·9	22·1	21
22	[23·0]	–	[24·0]	–	[25·0]	–	[25·5]	–	26·0	25·8	26·5	26·4	26·1	26·1	26·7	26·8	26·7	26·8	26·1	26·2	26·6	26·7	26·9	26·9	22
23	21·9	21·8	22·0	22·0	22·2	22·2	22·5	22·7	22·3	22·3	23·0	23·0	22·2	22·1	23·0	22·8	23·6	23·6	23·3	23·0	24·0	23·8	25·0	24·8	23
24	24·2	24·1	22·5	22·5	24·6	24·4	24·9	24·7	[25·0]	–	[25·0]	–	[25·0]	–	[25·0]	–	25·1	25·1	25·3	25·3	25·6	25·5	25·8	25·8	24
25	[28·0]	–	[28·2]	–	[28·5]	–	[28·7]	–	28·9	28·7	28·7	28·6	29·0	28·9	28·1	28·1	28·6	28·6	29·7	29·6	28·6	28·7	30·5	30·4	25
26	27·1	27·2	26·8	26·9	25·9	25·9	24·6	24·6	22·9	22·8	22·8	22·6	23·2	22·9	24·0	23·5	25·0	24·3	26·3	25·6	25·8	25·0	25·1	24·6	26
27	19·0	19·0	20·0	19·8	18·7	18·8	18·4	18·4	[18·0]	–	[17·9]	–	[18·3]	–	[18·7]	–	19·2	19·2	20·0	19·9	20·5	20·5	21·7	21·7	27
28	[16·0]	–	[16·5]	–	[17·2]	–	[17·8]	–	18·3	18·4	18·8	16·7	17·4	17·3	17·8	17·8	18·0	18·0	17·8	17·8	19·9	19·8	20·7	20·5	28
29	20·2	20·1	20·3	20·3	20·0	19·9	19·1	19·3	18·2	18·1	18·3	18·2	18·3	18·2	19·0	18·8	21·3	21·1	21·7	21·7	20·8	20·8	21·2	21·1	29
30	21·3	21·3	21·4	21·4	21·0	21·0	21·0	21·0	[20·9]	–	[21·0]	–	[21·1]	–	[21·3]	–	21·5	21·3	21·7	21·7	21·9	21·8	22·4	22·3	30
31	[20·4]	–	[20·6]	–	[20·8]	–	[21·0]	–	21·1	21·1	20·8	20·8	20·9	20·9	22·0	21·8	22·9	22·8	23·3	23·1	23·7	23·5	24·2	24·0	31
Obs. Means.	24·0	24·0	23·8	23·9	23·7	23·7	23·8	23·8	24·3	24·3	24·3	24·2	24·2	24·1	24·5	24·4	24·6	24·6	24·9	25·0	25·1	25·1	25·5	25·5	Obs. Means.
Gen. Means.	24·0	–	24·0	–	24·0	–	24·1	–	24·0	–	24·0	–	24·0	–	24·3	–	24·6	–	24·9	–	25·1	–	25·5	–	Gen. Means.

MARCH 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	23·6	23·5	24·3	24·2	24·6	24·6	24·7	24·8	24·7	24·9	25·0	25·1	24·9	25·0	24·7	25·0	24·6	24·8	[24·0]	–	[23·3]	–	22·6	23·0	21·2	–	1
2	20·5	20·9	20·6	20·9	20·5	20·9	19·9	20·3	19·3	19·6	19·0	19·3	18·5	18·8	18·8	19·0	18·6	18·9	18·7	19·0	18·5	18·8	17·8	18·2	20·0	–	2
3	19·5	19·5	19·8	20·0	19·9	20·0	20·3	20·4	20·6	20·8	21·6	21·8	22·4	22·3	23·6	23·7	24·0	24·0	24·5	24·3	24·6	24·4	24·6	24·4	19·4	–	3
4	26·3	26·2	26·6	26·8	23·6	24·7	22·6	22·9	21·9	22·0	21·5	21·6	21·6	21·9	22·3	22·3	22·7	23·0	22·9	23·1	[22·9]	–	22·9	23·1	23·5	–	4
5	25·8	25·9	25·1	25·2	25·4	25·4	25·9	26·0	25·8	26·0	24·9	25·0	25·6	25·7	26·3	26·4	25·8	26·0	28·0	27·9	28·7	28·7	28·9	29·0	24·8	–	5
6	30·4	30·3	30·8	30·8	31·5	31·3	31·7	31·6	31·7	31·8	31·1	30·9	31·8	31·9	31·0	31·0	30·7	30·7	30·1	30·1	29·7	29·7	29·3	29·3	30·0	–	6
7	28·5	28·5	28·2	28·2	28·4	28·4	28·0	28·0	27·5	27·7	27·0	27·0	26·8	26·6	26·2	26·1	25·4	25·7	[24·0]	–	[22·0]	–	20·3	20·3	27·6	–	7
8	23·4	23·3	24·0	23·8	23·0	22·8	23·0	22·8	22·1	22·1	20·9	20·8	21·0	21·0	20·4	20·5	20·0	19·9	17·9	17·8	18·3	18·2	18·9	18·8	21·2	–	8
9	21·2	20·8	21·8	21·7	22·0	21·8	21·4	21·5	21·3	21·5	21·4	21·6	21·9	21·8	21·5	21·4	21·8	21·8	[22·0]	–	[22·0]	–	[22·0]	–	20·9	–	9
10	17·2	17·5	17·9	18·3	17·0	17·4	16·6	16·4	15·6	15·6	15·5	15·1	15·5	15·8	16·4	16·9	17·5	17·6	18·5	18·3	18·6	18·8	17·2	17·4	18·6	–	10
11	16·2	15·9	16·5	16·9	16·7	16·5	16·5	16·9	16·8	17·1	16·8	16·4	17·0	17·2	18·0	18·0	20·1	20·2	20·6	21·0	19·6	20·0	20·4	20·0	16·5	–	11
12	24·8	25·0	25·0	25·1	25·4	25·3	25·4	25·3	25·5	25·6	25·3	25·4	25·5	25·7	25·4	25·2	25·6	25·7	25·7	25·8	25·6	25·8	25·9	26·0	24·2	–	12
13	32·9	32·0	32·6	32·5	33·4	33·4	33·4	33·3	33·2	33·1	33·4	33·6	33·6	33·9	33·8	33·9	32·8	32·9	32·7	32·9	31·8	31·9	31·5	31·9	30·6	–	13
14	32·5	32·2	32·5	32·4	32·5	32·5	32·6	32·6	32·7	32·7	32·3	32·3	32·6	32·5	32·7	32·8	32·2	32·0	31·9	32·0	31·9	32·0	31·7	31·9	32·0	–	14
15	33·1	33·1	32·1	32·1	32·0	32·0	32·2	31·9	32·2	31·9	32·1	31·9	33·0	32·8	33·7	33·1	34·0	33·3	33·7	32·9	33·5	32·8	33·5	32·5	32·7	–	15
16	37·9	36·6	38·8	37·0	38·6	37·6	38·2	37·2	38·7	37·5	37·6	36·9	37·0	36·7	38·5	36·8	38·5	36·8	[38·6]	–	38·7	37·3	37·8	37·8	37·0	–	16
17	36·5	36·4	35·4	35·4	35·5	35·4	32·9	33·1	31·5	31·9	31·3	31·6	31·1	31·6	31·7	31·7	31·9	31·9	31·9	31·9	31·5	31·8	31·7	31·7	34·8	–	17
18	29·6	29·6	28·7	28·8	27·6	27·6	27·6	27·6	26·4	26·4	25·9	26·0	25·7	25·8	25·4	25·3	24·6	24·8	25·4	25·5	25·4	25·5	25·3	25·3	28·5	–	18
19	26·5	26·8	26·0	26·1	27·3	27·3	28·1	28·1	28·2	28·1	27·7	27·9	28·7	28·7	29·9	29·9	30·7	30·8	27·7	27·8	25·4	25·5	24·4	24·7	26·5	–	19
20	23·0	23·2	22·6	22·9	22·3	22·7	22·0	22·3	22·0	22·3	21·6	21·8	21·6	22·0	20·8	21·1	20·6	20·9	21·5	21·6	21·9	22·2	21·8	22·0	23·8	–	20
21	22·8	23·0	22·8	23·1	22·8	23·0	22·5	22·9	22·1	22·3	22·2	22·6	21·3	21·6	21·9	21·8	20·7	20·7	20·2	20·2	21·1	21·1	22·0	21·8	21·3	–	21
22	28·1	28·1	28·8	28·8	26·5	26·6	26·3	26·1	25·8	25·7	24·0	24·0	23·2	23·1	22·1	22·0	21·3	21·5	[21·0]	–	[21·5]	–	22·1	22·0	25·0	–	22
23	25·2	25·0	25·3	25·3	25·0	24·8	26·3	26·5	26·7	26·8	26·5	26·3	26·0	26·1	26·7	26·7	26·6	26·7	24·1	24·0	24·2	24·2	23·2	23·0	24·2	–	23
24	26·9	26·8	26·8	26·8	26·9	26·7	26·8	26·1	26·1	25·9	25·7	25·2	25·8	25·6	25·6	25·6	25·7	25·7	26·3	26·2	27·2	27·1	27·9	27·9	25·7	-	24
25	30·5	30·3	30·9	30·8	30·3	30·2	29·3	29·4	28·8	28·9	28·8	28·9	28·6	28·7	28·9	28·9	28·8	28·8	[28·5]	–	27·9	27·9	27·7	27·9	28·9	–	25
26	23·9	23·5	25·2	24·5	24·0	23·6	24·2	23·8	24·2	23·9	23·8	23·8	23·7	23·6	23·6	23·5	23·7	23·4	23·5	23·6	23·8	23·8	19·1	19·4	24·3	–	26
27	22·7	22·9	22·0	22·0	21·7	21·9	21·8	21·7	21·0	21·2	20·1	20·2	19·1	19·2	17·8	17·8	17·2	17·2	16·9	16·8	15·8	15·7	15·9	15·8	19·3	–	27
28	20·9	20·8	21·4	21·1	21·2	21·1	21·2	21·0	21·0	20·8	20·3	20·1	20·2	20·0	20·1	20·1	19·3	19·3	[19·5]	–	[19·8]	–	20·0	19·8	19·1	–	28
29	21·7	21·7	22·1	22·1	22·3	22·3	23·2	23·0	22·0	22·0	21·8	21·8	21·3	21·3	21·7	21·6	21·4	21·5	21·1	21·1	20·2	20·3	21·0	20·8	20·8	–	29
30	23·2	23·0	23·0	22·8	23·0	22·9	23·0	23·0	24·2	24·0	22·9	22·7	22·0	22·0	21·5	21·5	21·0	21·0	20·4	20·5	20·8	20·7	20·5	20·5	21·8	–	30
31	24·7	24·5	25·8	25·6	25·6	25·6	22·0	22·0	20·0	20·0	20·7	20·7	19·8	19·8	19·0	19·1	17·9	17·9	18·1	18·1	18·1	18·2	18·5	18·5	21·3	–	31
Obs. Means.	25·8	25·7	25·9	25·9	25·7	25·7	25·5	25·4	25·1	25·2	24·8	24·8	24·7	24·8	24·8	24·8	24·7	24·7	24·3	24·3	24·9	24·9	24·1	24·2	24·7	24·7	Obs. Means.
Gen. Means.	25·8	-	25·9	-	25·7	-	25·5	-	25·1	-	24·8	-	24·7	-	24·8	-	24·7	-	24·5	-	24·3	-	24·1	-	24·7	-	Gen. Means.

APRIL 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	19·5	19·4	20·0	19·8	21·0	20·8	20·8	20·8	20·7	20·7	20·8	20·8	21·2	21·0	23·3	23·4	24·0	23·8	23·9	23·7	24·8	24·7	25·8	25·5	1
2	27·4	27·2	27·2	27·2	27·4	27·3	27·6	27·4	[27·7]	–	[27·7]	–	[27·8]	–	[27·8]	–	27·8	27·9	28·6	28·6	28·7	28·7	29·1	29·1	2
3	[32·2]	–	[32·0]	–	[31·8]	–	[31·6]	–	31·6	32·0	31·7	31·9	32·0	31·9	33·4	32·0	34·4	34·2	34·5	34·4	34·5	34·5	35·6	35·2	3
4	35·5	35·6	34·7	34·9	35·0	34·9	34·7	34·9	35·8	35·9	35·8	35·9	35·0	34·9	34·5	34·6	34·3	34·2	33·1	33·2	32·6	32·7	32·2	32·3	4
5	31·0	31·9	30·2	30·2	30·9	30·9	30·7	30·7	[30·1]	–	[29·4]	–	[28·6]	–	[28·0]	–	27·9	27·9	28·9	29·1	30·2	30·1	29·9	29·9	5
6	[29·1]	–	[28·9]	–	[28·8]	–	28·7	28·7	29·5	29·2	28·8	28·9	29·5	29·2	29·0	29·1	29·3	29·1	29·7	29·8	30·0	30·0	30·5	30·4	6
7	28·5	28·4	28·7	28·7	27·9	27·9	27·3	27·3	27·2	27·1	28·2	28·1	30·3	30·3	28·7	28·6	30·0	30·0	30·5	30·5	31·9	31·8	32·6	32·6	7
8	30·3	31·9	26·5	26·5	24·7	24·6	23·1	23·1	[23·4]	–	[24·0]	–	[24·3]	–	[24·6]	–	24·9	25·2	26·1	26·3	27·1	27·0	29·0	29·1	8
9	30·9	30·6	30·8	30·3	30·7	30·1	30·8	30·2	31·1	30·3	31·6	30·5	31·9	30·9	32·6	31·3	34·5	31·9	34·2	32·0	33·9	32·0	33·2	32·4	9
10	32·9	33·0	32·6	32·6	32·3	32·3	31·7	31·6	32·7	32·3	32·1	31·9	33·2	32·9	32·9	32·5	36·8	36·4	38·5	38·2	35·1	32·1	35·4	32·3	10
11	33·7	33·6	[33·6]	–	[33·5]	–	33·4	33·4	33·1	33·1	32·6	32·6	33·2	33·1	33·0	32·9	34·1	33·0	33·7	32·5	32·2	31·9	32·8	32·9	11
12	25·8	22·4	22·5	22·5	22·6	22·5	22·7	22·6	22·9	22·8	23·2	23·0	23·6	23·5	24·2	24·1	24·7	24·6	25·0	24·8	25·2	25·1	27·4	27·3	12
13	23·8	23·8	23·8	23·8	23·7	23·6	23·5	23·4	23·5	23·4	23·7	23·6	[24·0]	–	[24·5]	–	25·3	25·2	25·3	25·0	25·2	25·1	25·3	25·1	13
14	24·0	23·8	24·8	24·6	[25·2]	–	[25·5]	–	25·8	24·6	25·5	25·5	26·2	26·1	25·6	25·6	25·0	24·8	26·2	25·9	25·9	25·7	27·6	27·5	14
15	27·0	27·0	27·0	27·1	27·1	27·1	26·9	27·0	26·8	26·8	26·0	25·8	27·5	27·5	27·8	27·9	28·0	28·0	28·7	28·7	28·7	28·7	29·3	29·3	15
16	27·1	27·1	27·0	27·0	26·8	26·6	26·2	26·1	[25·4]	-	[24·7]	–	[24·0]	–	[23·6]	–	23·8	23·7	24·3	24·4	25·1	25·0	26·7	26·5	16
17	[21·2]	–	[21·2]	–	[21·2]	–	[21·2]	–	21·3	21·1	20·7	20·7	21·8	21·5	23·3	22·8	24·0	23·8	24·2	24·0	25·8	25·8	24·5	24·4	17
18	19·0	19·3	19·4	19·5	18·7	19·1	18·3	18·5	18·0	18·0	17·9	18·0	18·2	18·4	18·9	18·9	19·8	19·8	20·8	20·6	22·1	21·9	23·2	23·1	18
19	25·2	25·1	25·2	25·0	25·2	25·1	25·4	25·2	[25·8]	–	[26·0]	–	[26·8]	–	[27·5]	–	28·1	28·1	28·9	28·9	31·4	31·3	30·7	30·7	19
20	[26·7]	–	[26·5]	–	[26·3]	–	[26·2]	–	26·1	26·1	25·8	25·8	25·8	25·7	26·1	25·9	27·2	27·1	27·1	27·1	27·1	27·2	26·5	26·5	20
21	[25·4]	–	25·3	25·1	25·3	25·0	25·0	24·2	24·6	24·2	24·4	24·2	24·5	24·2	25·8	25·5	25·7	25·6	23·3	23·5	23·3	23·4	23·9	23·8	21
22	22·8	22·8	22·6	22·6	21·5	21·5	22·3	22·3	[22·4]	–	[22·6]	–	[22·7]	–	[22·9]	–	23·1	23·2	23·7	23·7	24·3	24·3	24·6	24·5	22
23	[24·4]	–	[24·6]	–	[24·9]	–	[25·2]	–	25·6	25·4	25·9	25·8	25·2	25·1	25·0	25·0	24·6	24·6	24·3	24·5	24·3	24·4	24·4	24·5	23
24	24·0	24·0	23·4	23·4	23·0	22·9	22·9	22·8	23·0	22·9	24·8	24·8	25·5	25·4	26·7	26·6	27·9	27·7	28·9	28·9	30·1	30·1	28·1	28·2	24
25	20·1	20·1	21·0	21·0	20·5	20·5	20·2	20·2	[20·9]	–	[21·9]	–	[23·1]	–	[24·3]	–	25·6	25·2	27·1	26·9	25·4	25·4	26·0	25·7	25
26	[23·4]	–	[23·1]	–	[22·8]	–	[22·5]	–	22·2	22·2	22·1	22·1	22·0	22·0	22·7	22·6	23·7	23·3	25·8	25·5	27·8	27·5	27·3	27·0	26
27	25·4	25·3	24·8	24·8	24·3	24·3	23·8	23·8	24·1	24·0	24·4	24·4	25·0	24·8	24·3	24·2	24·9	24·8	24·8	24·5	25·4	24·2	27·7	26·6	27
28	25·0	24·8	25·0	25·0	25·1	24·8	25·9	24·5	[25·3]	–	[25·0]	–	[24·7]	–	[24·5]	–	24·8	24·2	26·0	25·5	27·1	26·6	27·7	27·3	28
29	[26·5]	–	[26·0]	–	[25·5]	–	[25·0]	–	25·2	25·0	26·2	25·7	26·6	26·4	26·5	26·2	25·8	25·0	25·6	25·0	27·0	26·8	27·0	27·1	29
30	26·9	26·9	27·3	27·3	26·2	26·0	26·0	25·8	25·3	25·3	25·2	25·2	25·3	25·3	24·5	24·4	24·7	24·6	24·1	24·0	23·4	23·4	24·2	23·8	30
31																									31
Obs. Means.	26·6	26·5	25·8	25·9	25·5	25·6	26·0	25·8	26·2	26·0	26·2	26·1	26·8	26·7	27·2	26·9	27·2	26·9	27·5	27·3	27·9	27·6	28·3	28·0	Obs. Means.
Gen. Means.	26·5	–	26·2	–	26·0	–	25·8	–	25·9	–	26·0	–	26·3	–	26·6	–	27·2	–	27·5	–	27·9	–	28·3	–	Gen. Means.

APRIL 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	26·7	26·3	26·5	26·5	26·6	26·2	27·2	26·9	27·7	27·3	27·7	27·0	27·5	27·4	27·5	27·5	27·8	27·9	26·6	26·7	26·9	27·0	26·7	26·9	24·6	–	1
2	28·9	28·9	30·1	30·1	31·7	31·7	31·9	31·9	33·6	32·4	34·4	34·1	34·2	34·1	33·6	33·0	33·0	33·0	32·7	32·7	32·6	32·6	32·4	32·4	30·2	–	2
3	35·9	36·0	36·6	36·5	36·7	36·7	37·5	37·1	35·9	35·9	36·7	36·2	36·9	36·9	37·5	36·9	35·7	35·4	[35·4]	–	[35·1]	–	34·8	34·9	34·6	–	3
4	31·8	31·8	31·1	31·9	31·0	31·7	30·4	30·5	30·9	30·7	31·7	31·6	31·0	31·0	31·7	31·7	31·9	31·9	31·9	31·9	32·3	31·9	32·5	32·1	33·0	–	4
5	30·2	30·2	29·9	29·9	30·2	30·1	29·9	30·0	29·7	29·8	29·7	29·8	28·8	28·9	28·0	27·9	28·5	28·3	28·3	28·2	28·2	28·0	29·4	29·2	29·4	–	5
6	29·7	29·8	29·9	29·9	30·5	30·5	30·7	30·8	30·8	30·7	30·5	30·5	30·4	30·2	29·7	29·8	29·7	29·8	[29·4]	–	[29·1]	–	28·9	28·9	29·6	–	6
7	32·7	32·9	33·0	33·0	33·4	33·3	33·1	33·0	33·1	33·0	34·0	34·0	33·8	33·8	32·3	32·2	31·9	31·9	31·9	31·9	31·9	31·9	31·8	31·9	31·0	–	7
8	29·2	29·1	29·7	29·4	30·8	30·4	30·4	29·9	30·7	30·2	30·9	30·3	31·7	30·6	31·8	30·7	31·7	30·7	31·9	30·7	30·9	30·1	30·1	29·9	28·2	–	8
9	33·3	32·7	34·0	33·7	33·6	33·7	32·9	32·9	34·1	34·8	32·7	32·7	33·8	33·5	33·7	33·8	33·7	33·8	[33·5]	–	[33·3]	–	33·1	33·1	32·8	–	9
10	36·1	33·1	36·5	33·0	36·6	33·0	36·7	32·7	36·1	32·8	35·7	33·0	35·0	32·9	34·9	33·9	34·8	34·7	35·0	35·0	34·8	34·8	34·4	33·9	34·7	–	10
11	31·9	31·7	31·0	31·9	30·3	30·9	29·5	29·3	27·8	28·0	27·5	27·6	25·4	25·5	24·7	24·6	24·5	22·8	23·9	22·5	24·8	22·8	24·2	22·8	30·2	–	11
12	25·8	25·6	26·6	26·0	26·0	25·3	25·7	25·2	25·6	25·5	24·1	24·2	24·5	24·4	24·0	24·0	24·4	24·4	24·6	24·5	23·4	23·4	23·6	23·5	24·5	–	12
13	26·6	26·3	26·5	26·1	26·2	25·9	26·9	26·9	27·2	27·0	26·5	26·2	25·1	24·9	23·8	23·7	23·1	23·1	22·8	22·8	22·8	22·7	23·6	23·4	24·7	–	13
14	27·7	27·7	27·7	27·5	27·2	27·2	27·1	27·1	26·4	26·2	26·2	26·1	25·8	25·7	25·7	25·6	25·2	25·1	25·8	25·7	26·4	26·2	26·9	27·0	26·1	–	14
15	28·8	28·9	27·9	28·1	28·5	28·7	27·7	27·7	27·7	27·7	27·8	27·8	27·9	27·9	27·6	27·7	27·7	27·7	27·7	27·7	27·5	27·5	27·3	27·3	27·7	–	15
16	25·2	25·1	25·0	24·8	25·1	25·0	25·0	24·8	24·6	24·6	24·0	24·0	23·5	23·5	22·8	22·8	21·8	21·8	21·3	21·4	21·2	21·2	21·2	21·2	24·4	–	16
17	24·5	24·3	25·4	25·3	25·0	24·9	25·3	25·0	25·0	24·8	24·2	24·0	22·9	22·8	22·0	22·1	21·6	21·6	20·9	20·9	20·0	20·0	19·4	19·5	22·8	–	17
18	24·0	23·6	24·3	24·2	24·0	23·8	23·3	23·2	23·6	23·6	23·4	23·3	23·8	23·7	23·9	23·9	24·5	24·4	24·8	24·6	25·2	25·0	25·3	25·0	21·9	–	18
19	30·6	30·9	31·1	31·1	31·3	31·0	31·1	31·0	30·7	30·7	30·5	30·5	30·1	30·2	28·8	28·9	28·7	28·8	27·9	28·0	27·8	27·9	26·9	27·0	28·4	–	19
20	28·0	27·9	28·0	27·9	28·0	27·8	28·2	27·8	28·9	28·2	28·2	27·9	27·2	26·7	26·8	26·6	26·2	26·0	[25·8]	–	[25·6]	–	[25·5]	–	26·8	–	20
21	25·0	24·5	24·9	24·4	25·4	24·8	25·7	24·9	25·2	24·8	25·2	24·7	24·8	24·3	24·1	23·8	24·0	23·9	24·0	24·0	23·6	23·6	23·3	23·3	24·7	–	21
22	23·7	22·6	24·8	24·7	24·8	24·7	24·4	24·3	24·7	24·6	25·0	24·8	24·8	24·8	24·8	24·6	24·4	24·4	24·5	24·4	24·2	24·2	24·3	24·2	23·7	–	22
23	25·8	25·8	26·0	25·8	25·9	25·8	25·4	25·3	25·7	25·7	26·0	25·8	25·0	24·9	24·3	24·1	24·1	24·0	[24·0]	–	[24·0]	–	[24·0]	–	24·9	–	23
24	26·8	26·8	26·5	26·3	25·0	24·9	25·1	25·1	24·6	24·5	23·1	23·1	22·4	22·4	21·8	21·8	21·3	21·3	21·5	21·5	21·7	21·8	20·9	21·0	24·5	–	24
25	25·0	24·9	26·3	26·0	26·7	26·3	26·0	25·8	25·6	25·4	25·4	25·2	25·0	25·0	24·4	24·4	23·9	23·9	23·8	23·8	23·5	23·5	23·7	23·7	24·0	–	25
26	26·2	25·9	27·2	26·9	26·7	26·3	28·7	28·1	27·0	26·8	26·7	26·5	26·1	26·1	25·7	25·7	25·5	25·4	[25·5]	–	[25·4]	–	[25·3]	–	25·1	–	26
27	28·1	27·9	26·8	26·4	27·0	26·3	27·7	26·9	27·9	26·9	27·9	27·9	27·4	27·4	26·9	26·9	26·8	26·6	26·8	26·6	26·7	26·6	25·2	25·2	26·0	–	27
28	29·0	27·7	29·0	27·9	29·7	27·9	30·1	28·8	29·7	28·6	29·3	28·5	28·3	27·9	27·5	27·0	26·4	26·1	24·8	24·7	25·0	24·9	26·7	26·5	26·7	–	28
29	27·9	27·9	28·8	28·8	26·9	27·0	27·0	27·2	27·6	27·7	26·6	26·2	27·0	26·7	27·3	27·4	27·8	27·9	27·9	27·9	[27·7]	–	[27·5]	–	26·8	–	29
30	24·4	24·1	25·0	24·6	25·2	25·0	25·6	25·5	26·0	25·8	25·8	25·8	25·4	25·4	25·0	24·8	25·1	24·9	25·2	25·0	25·0	25·0	24·8	24·8	25·2	–	30
31																											31
Obs. Means.	28·3	28·0	28·5	28·3	28·5	28·2	28·5	28·2	28·5	28·2	28·2	28·0	27·8	27·6	27·4	27·3	27·2	27·0	26·5	26·4	26·4	26·2	27·0	26·9	27·2	27·1	Obs. Means.
Gen. Means.	28·3	–	28·5	–	28·5	–	28·5	–	28·5	–	28·2	–	27·8	–	27·4	–	27·2	–	27·0	–	26·9	–	26·8	–	27·2	–	Gen. Means.

MAY 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	24·4	24·6	25·1	24·9	26·0	25·8	26·3	26·1	[26·6]	[26·6]	[27·0]	[27·0]	[27·4]	[27·4]	[27·7]	[27·7]	27·9	27·9	26·7	27·0	26·3	26·8	26·3	26·3	1
2	[23·0]	[23·0]	[23·1]	[23·1]	[23·3]	[23·3]	[23·5]	[23·5]	23·7	22·6	24·8	23·4	24·5	24·2	25·0	24·8	25·5	25·1	25·3	25·2	25·3	25·3	25·7	25·6	2
3	24·0	24·0	23·9	23·4	24·1	24·1	23·7	23·5	23·0	23·0	22·7	22·7	22·3	22·4	22·4	22·5	22·9	22·8	24·2	23·8	25·2	25·0	25·3	25·2	3
4	23·0	23·0	23·8	23·6	23·8	23·7	23·8	23·7	25·0	23·8	24·2	23·9	25·0	24·6	26·1	26·5	29·1	28·5	28·6	28·7	29·4	29·6	27·9	27·8	4
5	[25·1]	[25·1]	[25·0]	[25·0]	[24·9]	[24·9]	[24·8]	[24·8]	24·7	24·6	25·4	25·3	25·4	25·4	25·7	25·7	26·4	26·3	26·2	26·2	26·6	26·6	27·5	27·3	5
6	23·0	23·0	22·0	22·0	21·7	21·7	21·6	21·6	[21·4]	[21·4]	[22·1]	[22·1]	[23·3]	[23·3]	[24·2]	[24·2]	25·0	24·8	26·0	25·8	25·0	24·9	25·0	24·9	6
7	20·5	20·8	20·0	20·2	19·6	19·8	19·8	20·0	19·7	20·0	19·8	20·0	19·9	20·2	20·4	20·8	21·8	21·8	21·6	21·8	22·9	23·1	23·6	23·8	7
8	27·9	27·9	27·4	27·4	27·7	27·8	29·5	29·1	30·8	30·7	31·7	31·4	31·7	31·7	31·2	31·6	31·4	31·3	31·0	31·1	31·5	31·4	31·6	31·6	8
9	31·4	31·2	31·7	31·7	31·2	31·1	31·9	31·7	32·6	31·9	33·0	32·6	33·7	33·0	33·8	33·9	34·5	34·5	34·8	34·9	35·5	35·4	35·7	35·7	9
10	34·6	34·7	34·6	34·7	34·9	34·9	33·9	34·0	34·5	34·5	34·7	34·7	34·6	34·6	34·7	34·7	34·7	34·7	34·9	35·0	35·4	35·3	35·2	35·2	10
11	36·9	36·8	36·7	36·7	36·7	36·8	36·7	36·7	36·2	36·1	36·6	36·7	36·3	36·3	35·7	35·8	36·1	36·2	36·4	36·4	37·5	36·1	38·8	38·2	11
12	34·6	34·7	33·8	33·8	33·4	33·4	33·2	33·3	31·9	31·9	31·6	31·9	30·6	30·7	30·8	30·9	31·0	31·0	31·5	31·5	30·9	30·9	31·2	31·2	12
13	27·7	27·8	27·7	27·7	26·9	26·9	26·0	26·0	26·1	26·0	27·0	27·0	28·2	28·3	28·9	28·9	30·1	30·1	31·7	31·6	32·1	31·7	32·5	31·9	13
14	29·9	30·0	30·9	31·1	29·9	29·9	28·8	28·9	28·9	28·9	29·4	29·4	30·8	30·8	31·1	31·1	31·7	31·7	31·6	31·6	31·8	31·8	32·0	31·9	14
15	28·2	28·2	28·4	28·4	27·9	27·9	28·6	28·6	30·9	30·9	31·8	31·8	32·0	31·9	32·6	31·9	34·1	34·1	33·9	33·9	33·5	33·5	33·1	33·1	15
16	31·0	31·0	29·9	29·9	28·8	29·2	27·7	27·8	27·6	27·6	28·4	28·4	28·0	28·1	27·9	27·9	28·9	28·9	29·9	29·9	31·1	31·8	31·8	31·7	16
17	34·8	34·8	35·1	35·1	35·6	35·6	35·2	35·1	35·9	35·9	35·7	35·7	35·3	35·4	35·5	35·5	35·9	35·9	35·1	35·1	35·6	35·6	35·0	35·0	17
18	26·5	26·6	25·9	25·8	25·6	25·6	25·0	24·8	24·4	24·4	25·0	24·8	25·3	25·3	25·4	25·4	25·8	25·7	26·5	26·3	26·9	26·9	27·7	27·9	18
19	26·3	26·5	26·1	26·1	26·0	26·0	25·5	25·6	25·6	25·6	26·0	25·8	26·2	26·0	26·7	26·4	27·0	26·7	28·8	28·8	30·1	28·9	31·1	30·6	19
20	25·6	25·9	25·4	25·6	24·6	24·9	24·4	24·6	24·7	25·0	25·5	25·9	25·5	25·7	27·3	27·2	27·9	27·9	27·8	27·9	28·2	28·1	26·7	26·8	20
21	24·6	25·0	24·9	25·2	26·4	26·2	26·7	26·7	27·8	27·9	28·7	27·9	28·3	28·2	28·2	28·2	29·0	29·0	29·2	29·2	29·6	28·5	30·9	31·2	21
22	36·8	36·9	37·5	37·5	37·3	37·2	36·9	36·9	36·9	37·0	37·4	37·3	37·6	37·6	37·7	37·7	38·0	38·0	37·7	37·7	38·1	38·1	38·7	38·7	22
23	40·5	40·5	39·7	39·9	39·3	39·3	38·3	38·2	38·9	38·9	39·6	39·6	39·1	39·1	40·6	40·7	40·9	41·0	40·7	40·8	40·7	40·2	41·8	41·3	23
24	40·3	37·3	39·7	36·9	39·4	36·2	39·1	35·9	38·9	35·0	39·1	35·1	39·7	35·9	41·5	37·9	42·1	38·9	42·8	40·6	44·4	41·5	45·6	41·9	24
25	40·0	37·1	39·5	36·9	37·9	36·4	37·5	36·1	38·2	36·7	38·2	36·9	38·7	37·0	39·9	37·6	40·3	37·9	40·6	38·0	40·9	38·1	36·0	36·1	25
26	35·7	33·1	35·7	32·9	36·0	34·0	37·9	34·6	37·6	33·9	38·7	36·0	39·7	36·9	42·3	37·2	40·9	36·9	40·2	38·9	38·7	32·6	38·5	34·3	26
27	39·6	31·7	38·9	23·5	39·7	31·9	40·7	34·9	41·3	36·8	40·5	32·3	40·7	31·6	41·7	31·2	41·5	33·3	43·5	38·0	44·0	37·7	46·1	41·0	27
28	41·7	37·8	41·7	37·9	41·8	38·8	40·9	38·5	40·9	36·9	42·2	36·2	42·6	35·0	42·7	35·2	42·8	35·0	42·9	36·4	46·4	40·6	46·0	40·0	28
29	42·9	39·1	41·6	39·8	41·5	39·8	40·8	39·8	40·6	38·6	40·9	39·8	40·8	39·9	40·4	39·6	39·7	39·1	39·2	38·8	41·0	38·3	42·5	41·6	29
30	37·2	36·9	36·4	36·2	35·9	35·9	35·7	35·8	35·7	35·7	35·7	35·7	35·6	35·6	35·7	35·7	36·1	36·1	36·5	36·4	35·7	35·6	35·3	35·2	30
31	33·9	33·7	33·5	33·1	33·3	32·9	32·8	32·5	33·0	32·7	33·4	32·8	34·1	33·0	33·9	33·6	35·1	34·2	36·6	35·5	36·4	35·6	36·8	35·9	31
Means.	31·3	30·6	31·1	30·5	31·0	30·4	30·9	30·3	31·1	30·4	31·5	30·6	31·7	30·8	32·2	31·2	32·7	31·8	33·0	32·3	33·4	32·4	33·6	32·9	Means.

MAY 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	24·8	25·5	22·1	23·0	21·8	22·6	22·2	22·2	21·2	21·9	21·7	21·9	21·7	21·9	21·4	21·4	21·8	21·8	22·3	22·1	22·7	22·5	23·0	22·8	24·4	24·5	1
2	26·1	25·9	26·2	26·0	25·7	25·6	25·6	25·4	25·2	25·0	24·4	24·4	24·6	24·5	24·7	24·7	24·3	24·3	[24·3]	[24·3]	[24·2]	[24·2]	[24·1]	[24·1]	24·7	24·5	2
3	23·8	23·8	23·8	23·8	24·1	24·1	25·1	24·7	26·0	25·8	25·8	25·9	24·4	24·8	23·5	23·8	23·0	23·1	23·0	23·0	23·4	23·2	23·4	23·2	23·9	23·8	3
4	27·0	27·7	27·1	27·9	26·8	27·5	23·7	24·1	23·4	23·2	24·2	24·0	24·2	24·2	24·7	24·6	24·7	24·7	24·6	24·6	24·2	24·0	25·2	25·0	25·4	25·4	4
5	27·9	27·8	27·4	27·4	27·0	27·0	27·0	26·8	26·4	26·4	26·0	25·9	25·6	25·5	25·2	25·1	24·9	24·8	24·8	24·7	24·8	24·7	24·2	24·3	25·8	25·7	5
6	24·3	23·8	23·8	24·1	24·0	23·8	23·6	23·9	22·8	23·1	22·4	22·5	21·6	21·8	21·4	21·4	21·6	21·7	21·6	21·8	20·6	20·9	20·2	20·4	22·8	22·9	6
7	24·6	24·8	42·9	25·2	25·1	[25·1]	25·3	[25·3]	25·6	25·8	26·0	[26·0]	26·4	25·9	29·7	29·9	29·5	29·4	29·3	29·1	29·7	29·8	27·7	27·7	23·9	24·0	7
8	30·7	30·9	30·9	30·9	30·0	30·0	29·7	29·7	29·5	29·3	29·2	29·2	29·4	29·4	28·3	28·1	29·5	29·5	29·2	29·1	29·3	29·2	30·5	30·2	30·0	29·9	8
9	36·4	36·4	36·5	36·6	36·5	36·4	35·7	35·8	34·7	34·7	34·5	34·5	34·9	34·9	35·6	35·7	35·1	35·1	34·9	34·9	34·9	35·0	34·4	34·4	34·3	34·2	9
10	35·7	35·7	35·5	35·6	34·7	34·8	34·9	34·9	36·0	36·0	35·9	35·9	36·6	36·6	37·1	37·2	37·6	37·5	37·7	37·8	37·6	37·7	37·6	37·6	35·6	35·6	10
11	40·4	39·5	41·7	40·8	42·9	41·2	43·7	41·9	43·7	40·8	41·4	37·7	39·1	39·0	38·0	38·1	36·0	36·0	35·9	35·9	36·1	36·1	35·8	35·9	38·1	37·6	11
12	31·7	31·6	31·7	31·8	31·7	31·7	31·4	31·3	30·9	30·9	30·5	30·5	30·2	30·2	30·1	30·1	29·9	29·9	28·8	28·8	28·7	28·8	28·7	28·8	31·2	31·2	12
13	32·8	32·4	32·8	32·7	32·5	31·9	31·9	31·7	31·1	30·4	31·1	30·8	30·2	30·2	29·9	29·9	29·8	29·8	30·0	29·8	30·8	28·9	30·8	30·1	30·0	29·7	13
14	32·0	31·9	31·9	31·9	30·8	30·8	30·4	30·6	28·9	28·9	28·4	28·4	28·3	28·5	27·0	27·1	27·3	27·4	27·6	27·8	27·8	27·8	27·9	28·0	29·8	29·8	14
15	33·4	33·4	33·0	32·9	32·7	32·7	32·8	32·8	31·9	31·9	32·0	32·0	31·9	31·9	30·9	30·9	31·2	31·1	31·8	31·9	30·7	30·7	30·7	30·7	31·6	31·5	15
16	32·3	31·9	34·4	33·9	36·1	36·3	37·3	37·3	37·5	37·5	37·9	37·9	37·4	37·4	37·1	37·1	35·8	35·9	34·9	34·9	34·9	34·9	34·7	34·7	32·6	32·6	16
17	34·9	34·9	33·9	33·9	34·5	34·5	34·5	34·5	34·4	34·4	34·6	34·6	33·6	33·6	32·3	32·3	31·9	31·9	31·1	31·7	30·1	30·1	27·0	27·0	34·1	34·1	17
18	27·4	27·5	26·9	26·9	27·7	27·8	27·9	27·9	27·1	27·2	27·0	27·1	26·9	26·9	26·9	26·9	26·8	26·7	26·8	26·8	26·6	26·6	26·5	26·4	26·4	26·4	18
19	31·3	31·1	31·8	30·9	29·6	28·7	30·1	29·7	29·0	28·9	28·6	28·6	27·9	27·9	27·8	27·9	27·6	27·7	26·6	26·7	26·6	26·7	26·6	26·7	27·9	27·7	19
20	29·8	29·9	28·6	28·2	29·6	29·0	28·9	28·9	28·8	28·9	27·7	27·7	27·2	27·2	26·7	26·9	26·1	26·2	26·4	26·6	25·9	26·2	25·1	25·3	26·8	26·9	20
21	30·7	29·4	30·7	30·5	31·5	31·1	31·8	31 9	32·7	31·9	33·5	33·5	34·4	34·3	36·0	35·9	36·7	36·8	36·7	36·8	36·8	36·9	36·7	36·9	30·7	30·8	21
22	39·1	39·1	39·7	39·6	39·4	39·4	39·6	39·6	39·6	39·6	39·5	39·5	39·6	39·6	39·7	39·8	40·0	40·0	40·5	40·2	40·5	40·3	40·7	40·7	38·7	38·7	22
23	43·0	41·8	43·5	41·7	43·9	41·5	44·7	41·6	44·2	41·2	45·6	42·7	45·9	42·2	43·5	38·1	43·4	41·7	42·8	41·9	42·2	41·1	40·7	38·8	41·8	40·6	23
24	46·8	43·1	47·0	42·9	47·4	42·9	46·5	41·9	45·6	41·0	44·7	41·2	42·8	41·1	41·1	40·6	39·7	38·8	38·9	37·8	38·7	36·9	40·4	37·6	42·2	39·1	24
25	36·7	36·9	36·1	36·1	35·7	35·8	35·7	35·8	35·5	35·6	38·3	37·0	38·6	36·6	36·0	34·7	34·6	33·2	33·7	30·8	35·7	32·4	36·2	31·7	37·5	35·9	25
26	39·7	35·0	40·8	36·8	42 0	36·9	41·7	36·8	41·9	37·1	41·3	36·9	40·8	37·5	41·5	38·1	40·1	37·2	39·8	36·8	39·8	32·8	39·4	30·1	39·6	35·6	26
27	47·7	42·1	47·0	41·7	46·9	41·2	48·4	42·6	46·7	40·8	46·3	40·0	45·5	38·9	44·6	38·1	43·7	37·8	42·8	37·0	42·6	36·8	41·7	36·6	43·4	37·0	27
28	46·7	39·8	47·9	41·9	48·2	41·5	48·3	41·6	48·0	41·5	48·7	43·7	49·6	43·9	47·4	42·5	44·4	40·5	42·9	38·1	42·7	40·2	42·7	39·7	44·6	39·3	28
29	42·2	40·8	42·9	41·4	42·9	40·9	41·9	40·2	41·4	40·0	42·3	40·2	42·1	40·1	39·7	38·8	38·7	37·9	38·3	38·0	37·5	37·3	37·7	37·7	40·8	39·5	29
30	35·0	35·1	35·4	35·3	36·0	35·9	36·3	36·2	36·3	36·0	35·4	35·1	35·4	35·2	34·9	33·9	34·7	34·3	34·6	34·5	34·7	33·9	34·6	33·8	35·7	35·4	30
31	38·0	36·1	37·6	36·8	37·9	37·6	37·8	37·2	38·1	37·1	36·7	36·4	35·7	35·4	35·7	35·2	34·7	33·8	33·6	33·6	32·9	32·9	31·7	31·9	35·1	34·6	31
Means.	34·0	33·1	34·0	33·2	34·1	33·1	34·0	33·1	33·7	32·7	33·6	32·6	33·3	32·5	32·9	32·1	32·4	31·8	32·1	31·5	32·1	31·3	31·8	30·9	32·6	31·8	Means.

JUNE 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	31·7	31·7	31·6	31·6	31·7	31·7	31·7	31·9	31·8	31·9	31·8	31·9	31·9	31·9	32·1	32·0	32·7	32·7	33·5	33·5	33·6	33·6	33·2	33·2	1
2	31·6	31·7	31·6	31·7	31·9	31·9	32·0	31·9	32·5	31·9	32·9	32·6	33·0	33·0	33·5	33·5	33·8	33·9	34·0	34·0	34·5	34·5	34·5	34·6	2
3	35·7	35·8	36·9	36·9	36·5	36·4	35·8	35·9	36·5	36·0	36·9	36·2	37·4	36·6	39·0	38·5	38·5	37·6	39·0	38·6	38·9	38·5	39·5	38·1	3
4	38·9	36·9	38·7	36·8	37·9	36·6	38·0	36·2	38·2	36·3	39·7	36·8	38·6	36·6	38·7	37·0	38·9	37·0	39·7	38·3	38·9	38·4	38·7	38·1	4
5	35·8	35·8	35·0	35·0	35·2	35·2	34·9	34·9	34·5	34·5	33·9	33·9	33·6	33·6	33·7	33·7	33·2	33·3	33·1	33·1	33·1	33·1	32·5	32·5	5
6	30·6	29·8	30·1	30·2	30·3	30·5	29·8	29·9	29·9	28·6	30·3	29·9	31·5	31·3	31·6	30·9	32·1	31·0	32·4	31·7	33·7	31·9	33·0	31·9	6
7	31·7	31·4	31·7	29·9	31·6	29·3	31·9	29·6	32·2	29·9	32·6	30·5	32·8	31·6	33·1	31·9	32·9	31·9	34·2	32·4	34·0	33·1	33·0	31·9	7
8	32·3	32·1	32·1	32·1	32·2	32·2	31·9	31·9	31·9	31·9	31·7	31·7	30·8	31·1	30·0	31·0	30·0	30·0	29·1	29·1	30·0	30·0	30·9	30·9	8
9	28·7	28·7	26·8	26·8	26·7	26·7	26·0	26·0	26·4	26·3	26·7	26·8	26·9	26·6	27·8	27·8	29·2	29·2	29·9	29·9	29·9	29·9	30·7	30·6	9
10	32·1	32·0	31·9	31·9	32·0	31·9	31·6	31·9	31·0	31·0	30·9	31·0	31·8	30·9	32·7	31·6	33·7	32·4	34·7	32·1	36·1	33·4	37·0	36·1	10
11	32·8	30·8	33·6	29·7	35·4	33·9	36·8	36·8	37·1	37·1	36·2	36·2	34·9	34·9	33·7	33·7	33·6	33·6	34·8	34·8	35·6	35·6	36·8	36·8	11
12	31·0	31·1	30·0	30·1	30·3	30·3	30·7	30·7	30·6	30·6	30·3	30·3	30·6	30·6	31·3	31·3	31·9	31·9	32·8	32·1	34·0	33·8	34·7	34·7	12
13	45·2	45·2	45·6	45·6	45·1	45·1	44·7	44·8	44·6	44·6	44·4	44·4	44·2	44·2	43·9	43·9	42·1	42·1	40·6	40·6	37·9	38·0	35·7	35·7	13
14	29·7	29·8	29·7	29·8	29·1	29·1	28·9	28·9	28·9	28·9	30·6	30·6	30·7	30·7	31·1	31·1	31·6	31·6	31·8	31·8	31·9	31·9	31·7	31·7	14
15	30·9	30·9	31·1	31·1	31·3	31·3	31·6	31·6	31·2	31·2	31·6	31·6	31·9	31·9	31·9	31·9	31·9	31·9	31·9	31·9	31·9	31·9	32·0	31·9	15
16	29·6	29·7	30·4	30·4	31·1	31·1	32·1	31·9	32·4	32·0	32·9	32·6	33·7	33·7	34·3	34·3	35·9	35·9	37·1	37·1	36·7	36·7	37·9	37·9	16
17	41·5	41·5	40·9	40·9	40·9	40·9	39·9	39·9	39·1	39·1	40·9	40·0	40·9	40·1	40·7	40·2	40·0	39·7	40·2	40·2	42·1	42·2	42·4	42·4	17
18	41·3	37·7	40·8	37·1	41·6	37·8	42·1	37·8	41·1	37·1	41·9	37·6	39·8	37·1	34·3	34·3	36·7	36·5	37·2	37·1	36·1	35·9	38·2	37·9	18
19	36·0	36·0	35·7	35·7	34·8	34·8	33·6	33·7	33·0	33·0	33·7	33·1	33·2	33·1	33·9	33·8	34·2	34·2	34·5	34·4	35·3	34·9	35·3	35·0	19
20	37·3	37·3	37·2	37·2	36·9	36·9	36·9	36·9	37·2	37·2	37·5	37·5	37·6	37·6	37·8	37·8	37·9	37·9	38·1	38·1	38·3	38·3	38·4	38·2	20
21	37·5	36·8	36·8	36·7	36·7	36·7	36·9	36·9	37·1	37·1	37·1	36·5	37·9	36·8	38·1	37·9	38·9	38·6	38·2	38·0	38·8	38·5	40·9	39·6	21
22	39·2	39·2	39·8	39·8	39·7	39·7	39·1	39·1	39·0	39·0	39·2	39·2	39·9	39·9	39·9	39·9	39·5	39·5	39·6	39·6	39·7	39·7	39·1	39·1	22
23	31·9	31·9	31·9	31·9	31·1	31·8	31·2	31·8	31·7	31·7	31·1	31·1	30·3	30·3	30·6	30·6	31·2	31·2	31·9	31·9	32·3	31·9	34·1	32·6	23
24	38·2	38·2	38·8	38·8	39·0	39·0	38·3	38·3	40·2	37·9	39·9	38·0	38·1	37·5	37·5	37·4	39·0	39·0	39·9	39·9	40·2	40·2	41·9	41·9	24
25	32·1	32·1	31·6	31·6	31·7	31·9	32·2	31·9	31·9	32·0	31·7	31·7	31·6	31·6	31·6	31·6	31·9	31·9	31·9	31·9	32·0	31·9	32·1	31·9	25
26	40·7	40·7	40·8	40·8	41·1	41·1	41·0	41·0	40·5	40·5	40·6	40·6	40·8	40·8	40·7	40·7	40·9	40·9	40·9	40·9	41·1	41·1	41·9	41·9	26
27	42·9	42·9	42·9	42·9	42·8	42·8	42·9	42·9	42·8	42·8	43·2	43·2	43·9	43·9	44·3	44·3	44·5	44·5	44·9	44·9	45·7	45·7	45·7	45·7	27
28	43·9	43·7	44·1	44·0	45·1	39·0	44·7	41·7	47·0	40·5	47·7	43·9	48·6	43·9	49·1	44·5	50·9	45·0	52·3	48·5	54·3	48·5	56·5	49·9	28
29	50·0	48·3	48·8	47·7	48·5	47·1	48·7	46·8	46·9	45·2	47·2	45·8	46·6	45·3	46·9	44·9	45·6	43·9	44·9	42·1	44·5	42·3	49·4	42·3	29
30	41·9	41·9	42·0	42·0	41·9	41·9	41·7	41·7	41·2	41·2	41·6	41·6	42·1	42·1	42·8	42·8	43·8	43·7	44·6	44·0	46·1	45·5	46·3	45·0	30
31																									31
Means.	36·1	35·7	36·0	35·6	36·0	35·5	35·9	35·2	35·9	35·2	36·2	35·6	36·2	35·6	36·2	35·8	36·6	36·1	36·9	36·4	37·2	36·7	37·8	37·0	Means.

JUNE 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	33·5	33·5	33·8	33·9	33·9	34·0	33·9	34·0	34·0	34·1	33·0	33·0	32·7	32·7	32·5	32·5	31·9	31·9	31·6	31·9	31·5	31·9	31·6	31·9	32·5	32·6	1
2	34·7	34·7	35·0	35·0	35·7	35·7	35·4	35·6	36·2	36·2	36·0	36·1	36·1	36·1	36·1	36·1	36·7	36·8	36·7	36·7	36·5	36·3	37·0	37·1	34·5	34·5	2
3	40·7	38·9	41·7	40·0	41·7	39·9	41·5	39·5	41·9	38·9	41·6	39·3	41·0	39·2	39·8	38·9	39·7	37·9	38·9	37·9	38·6	37·7	38·5	36·6	39·0	37·9	3
4	39·8	38·9	40·0	38·7	41·1	38·9	39·4	38·7	38·8	38·2	39·1	38·3	38·9	38·2	38·9	38·0	37·9	37·7	37·1	37·0	36·8	36·8	36·3	36·3	38·7	37·5	4
5	32·6	32·5	32·7	31·9	33·9	32·7	34·0	32·5	34·3	32·0	34·9	33·0	34·3	32·8	32·9	32·3	32·7	32·2	31·9	31·7	31·9	31·9	31·6	30·9	33·6	33·1	5
6	33·4	31·9	34·6	31·9	35·1	32·9	35·0	33·3	33·2	32·8	33·8	32·7	33·3	31·9	33·3	32·3	32·4	32·4	32·0	31·8	31·9	31·9	32·6	31·9	32·3	31·5	6
7	36·5	34·8	35·6	34·9	34·7	34·5	33·8	33·0	34·2	34·1	34·9	34·9	33·9	33·9	33·2	33·0	33·1	33·0	33·0	32·9	32·7	32·7	32·5	32·5	33·3	32·4	7
8	30·7	30·7	31·6	31·6	31·2	31·2	30·9	30·9	31·1	31·1	30·7	30·7	30·1	30·1	29·2	29·2	28·8	28·8	27·9	28·0	26·8	27·0	26·5	26·5	30·4	30·4	8
9	31·3	31·1	32·0	31·4	32·2	31·9	32·5	31·9	32·6	31·8	32·2	31·9	32·3	31·9	32·4	32·0	32·1	31·9	32·3	31·9	31·9	31·8	32·5	31·9	30·1	29·9	9
10	36·7	36·3	37·3	37·1	38·3	38·3	37·9	38·0	38·1	38·2	38·7	38·7	38·9	38·9	38·9	39·1	38·9	39·0	38·7	38·7	36·1	36·1	32·7	29·7	35·3	34·8	10
11	35·9	35·9	34·6	34·6	33·5	33·5	33·4	33·4	32·9	32·9	32·5	32·5	32·1	32·1	32·1	32·1	31·6	31·9	30·9	31·8	30·5	30·6	31·7	31·7	33·9	33·6	11
12	35·6	35·6	35·3	35·4	35·8	35·8	38·9	38·9	39·7	39·7	40·8	40·9	41·6	41·6	43·1	43·1	43·7	43·7	44·2	44·2	44·9	44·9	45·0	45·0	36·1	36·1	12
13	34·1	34·1	33·2	33·2	33·0	33·0	32·9	32·9	32·1	32·1	31·7	31·9	31·0	31·9	30·5	31·2	30·7	30·7	30·1	30·3	29·8	30·0	29·7	29·8	37·2	37·3	13
14	31·8	31·8	31·9	31·9	31·7	31·7	31·8	31·8	31·1	31·1	31·2	31·2	31·3	31·3	31·2	31·2	31·2	31·1	31·5	31·4	30·7	30·9	30·6	30·6	30·9	30·9	14
15	32·1	31·9	32·2	32·1	32·6	32·1	32·5	32·1	32·2	32·0	32·0	31·9	31·7	31·9	31·7	31·8	30·7	30·7	30·1	30·2	29·8	29·9	30·2	30·2	31·5	31·5	15
16	38·5	38·5	39·3	39·3	40·1	40·1	40·5	40·5	41·4	41·4	41·3	41·3	41·4	41·5	40·9	40·9	41·6	41·6	41·6	41·6	41·7	41·7	41·0	41·0	37·2	37·2	16
17	42·4	42·4	42·7	42·7	42·2	42·1	41·9	41·9	41·6	41·6	42·5	42·2	42·7	41·1	42·1	39·2	42·9	38·4	41·9	36·7	42·2	39·4	41·7	37·8	41·5	40·5	17
18	37·8	37·7	38·2	38·0	37·7	37·7	37·7	37·7	36·7	36·5	36·6	36·4	36·1	36·1	35·9	35·9	35·8	35·8	36·7	36·7	36·8	36·8	36·2	36·2	38·1	36·9	18
19	36·0	35·9	36·9	36·6	37·1	36·8	38·8	38·0	38·7	38·0	37·8	37·5	37·0	36·9	36·9	36·9	37·1	37·1	37·2	37·2	37·3	37·3	37·7	37·7	35·9	35·7	19
20	39·1	38·9	40·7	39·6	39·8	38·9	39·7	39·2	39·7	38·9	39·2	38·6	38·9	38·2	38·4	37·9	37·9	37·5	37·9	37·1	37·5	36·6	37·7	37·1	38·2	37·9	20
21	41·9	40·8	41·6	40·6	41·5	40·7	41·1	40·5	41·5	39·8	41·7	38·0	42·1	37·2	40·9	37·2	40·4	37·6	39·8	38·1	39·8	38·1	40·2	38·7	39·5	38·2	21
22	39·4	39·4	40·8	40·8	40·8	40·8	39·9	39·9	38·7	38·7	37·2	37·2	35·8	35·9	34·3	34·3	33·2	33·2	32·0	32·0	31·7	31·9	31·9	31·9	37·9	37·9	22
23	34·9	34·9	34·9	34·9	34·9	34·9	34·6	34·6	35·9	35·2	34·1	33·7	33·7	32·3	33·8	33·7	36·2	36·2	36·9	36·9	36·8	36·8	37·9	37·9	33·5	33·4	23
24	41·9	41·9	42·2	42·2	42·1	42·1	41·6	41·6	41·2	41·2	39·9	39·9	37·9	37·9	35·2	35·2	33·2	33·2	32·1	32·1	32·0	32·0	31·6	31·7	38·4	38·2	24
25	32·1	32·0	32·9	32·6	33·3	33·3	33·6	33·6	33·4	33·4	33·1	33·1	33·2	33·2	33·1	33·1	33·9	33·9	35·5	35·5	38·8	38·8	39·2	39·2	33·1	33·1	25
26	41·9	41·9	41·8	41·8	42·1	42·1	42·2	42·2	42·2	42·2	41·7	41·7	42·1	42·1	41·9	41·9	41·6	41·6	41·3	41·3	42·1	42·1	41·9	41·9	41·4	41·4	26
27	45·7	45·7	46·0	46·0	46·1	46·1	46·4	46·4	46·2	46·2	45·9	45·9	45·2	44·9	44·9	43·9	44·1	43·5	44·2	43·8	44·0	43·6	43·8	43·6	44·5	44·4	27
28	57·1	49·3	58·7	49·9	58·2	50·5	57·3	51·2	57·7	52·4	55·9	51·9	55·0	50·9	54·2	50·7	53·6	49·6	52·2	49·8	51·0	50·1	50·7	49·0	51·9	47·4	28
29	50·4	42·5	52·7	46·6	47·0	46·2	48·1	46·1	47·9	45·9	45·9	44·9	45·2	44·9	44·7	44·7	43·1	43·1	42·7	42·6	42·7	42·7	42·5	42·6	46·7	44·8	29
30	45·9	45·2	45·7	44·9	47·9	46·1	48·8	47·5	48·1	46·9	48·0	46·9	47·4	46·1	46·4	46·1	45·9	45·9	45·4	45·1	46·2	45·6	45·9	45·1	44·9	44·4	30
31																											31
Means.	38·1	37·3	38·6	37·7	38·5	37·8	38·5	37·9	38·4	37·8	38·1	37·5	37·8	37·1	37·3	36·8	37·1	36·6	36·8	36·4	36·7	36·5	36·6	36·1	37·1	36·5	Means.

JULY 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	45·8	45·3	46·3	45·1	46·1	45·0	45·6	44·9	45·8	45·8	46·0	46·0	46·8	46·5	47·7	46·2	48·3	47·4	48·7	47·9	49·0	48·1	50·9	49·0	1
2	46·8	46·8	46·7	46·7	46·6	46·6	46·4	46·4	46·0	46·0	46·7	46·1	47·1	45·9	46·9	46·9	47·4	47·4	45·9	45·9	46·6	46·0	47·1	46·4	2
3	42·9	42·6	42·9	41·9	42·7	40·9	42·7	40·2	42·4	40·3	43·1	40·3	44·5	41·9	45·8	42·2	46·6	43·3	49·0	45·4	51·1	47·2	50·9	47·6	3
4	48·7	48·5	48·2	48·2	48·0	48·0	47·0	47·0	46·2	46·3	46·7	46·7	45·9	45·9	46·5	46·5	47·6	47·6	51·0	50·5	52·7	51·0	53·9	50·8	4
5	47·9	47·9	47·7	47·7	47·2	47·2	47·2	47·2	47·1	47·1	48·9	48·9	49·0	49·0	48·3	48·3	49·9	49·9	49·3	49·3	49·4	49·4	50·9	50·9	5
6	45·8	45·8	45·0	45·0	45·7	45·7	46·0	46·0	46·1	46·1	46·1	46·1	46·1	46·1	46·1	46·1	46·6	46·6	46·4	46·4	46·4	46·4	45·9	45·9	6
7	43·2	43·0	43·2	43·2	41·6	41·6	41·3	41·3	41·6	41·6	41·6	41·6	41·7	41·7	41·6	41·6	42·0	42·0	43·1	43·1	43·1	43·1	43·1	43·1	7
8	46·1	46·1	45·9	45·9	46·0	46·0	45·9	45·9	45·9	45·9	45·9	45·9	46·0	46·0	46·2	46·2	45·9	45·9	45·9	45·9	45·5	45·5	45·0	45·0	8
9	45·9	45·9	44·0	44·0	44·9	44·9	44·8	44·8	45·1	45·1	45·1	45·2	45·3	45·3	45·9	45·9	46·2	46·2	46·9	46·9	47·9	47·9	48·3	48·3	9
10	47·1	47·1	47·1	47·1	47·2	47·2	47·5	47·6	47·9	47·9	47·5	47·5	47·3	47·3	47·8	47·8	48·1	48·1	48·2	48·2	48·7	48·7	48·6	48·6	10
11	47·1	47·1	46·9	46·9	46·4	46·4	46·7	46·7	46·2	46·2	46·5	46·5	46·5	46·5	46·0	46·0	42·2	42·2	41·7	41·7	41·0	41·0	40·9	40·9	11
12	39·9	39·9	39·9	39·9	39·8	39·8	40·2	39·9	40·6	40·6	39·8	39·8	39·2	39·1	39·2	39·2	39·9	39·9	40·5	40·5	41·7	41·7	41·6	41·6	12
13	39·9	39·9	40·3	40·3	40·7	40·7	40·9	40·9	40·9	40·9	40·9	40·9	41·7	41·7	42·3	42·3	43·6	43·6	43·9	43·9	45·1	44·9	45·7	45·4	13
14	42·6	42·6	42·0	42·0	40·9	40·9	40·1	40·1	39·5	39·5	39·2	39·2	40·1	40·1	40·2	40·2	40·5	40·5	40·8	40·8	40·9	40·9	40·6	40·6	14
15	39·9	39·9	40·1	40·1	39·8	39·8	39·1	39·1	38·8	38·8	38·8	38·8	39·0	39·0	38·9	38·9	39·1	39·1	39·1	39·1	40·1	40·1	40·6	40·6	15
16	44·7	44·7	44·3	44·3	43·2	43·2	41·8	41·9	40·9	40·9	40·2	40·2	40·0	40·0	40·5	40·5	37·5	37·5	37·3	37·3	36·8	36·8	37·0	37·0	16
17	37·9	37·9	38·7	38·7	37·0	37·0	35·8	35·8	35·9	35·9	36·6	36·6	37·1	37·1	36·3	36·3	36·1	36·1	35·6	35·6	35·7	35·7	36·1	36·1	17
18	34·7	34·7	34·8	34·8	34·3	34·3	34·3	34·3	33·8	33·8	33·7	33·7	33·1	33·1	33·5	33·5	31·9	32·0	32·2	32·2	31·9	31·9	33·9	33·9	18
19	30·7	30·7	30·3	30·5	29·9	29·8	28·9	29·0	28·9	29·0	29·5	29·5	29·7	29·7	29·9	29·9	30·9	30·9	31·6	31·6	31·8	31·8	32·1	31·9	19
20	30·8	31·3	30·2	30·2	30·1	30·1	30·1	30·1	30·1	30·0	30·2	30·0	30·6	30·1	31·0	30·6	31·9	31·3	32·1	32·0	32·7	32·0	34·1	32·8	20
21	31·9	31·9	31·0	31·8	31·5	31·6	31·3	30·8	31·3	31·3	31·9	31·8	32·1	31·9	32·3	32·3	32·9	32·9	33·7	33·7	33·9	33·9	34·2	34·2	21
22	38·1	38·1	38·2	38·2	38·1	38·1	38·0	38·0	37·9	37·9	38·2	38·2	38·9	38·9	39·9	39·9	40·2	40·2	40·3	40·3	41·0	41·0	41·9	41·9	22
23	37·8	37·8	37·6	37·6	38·0	38·0	37·9	37·9	38·0	38·0	38·1	38·1	38·2	38·2	38·9	38·9	39·3	39·3	38·2	38·2	38·2	38·2	39·8	39·8	23
24	34·1	34·1	33·4	33·4	34·8	34·8	34·2	34·2	34·9	34·9	34·2	34·2	35·0	35·0	36·5	36·5	36·7	36·7	37·4	37·4	36·9	36·9	35·1	35·1	24
25	31·9	32·0	31·6	31·9	30·9	31·6	30·8	31·0	29·5	29·7	29·8	29·9	29·8	29·9	30·2	30·2	30·3	30·3	31·1	31·1	31·6	31·6	31·9	31·9	25
26	31·8	32·0	31·2	31·9	31·1	31·5	31·1	31·3	31·1	31·1	31·0	31·0	31·1	31·1	31·2	31·2	31·9	31·9	32·2	32·0	34·2	33·8	34·9	34·8	26
27	33·9	33·9	33·3	33·3	33·0	32·9	32·8	32·4	32·8	31·9	33·2	32·2	33·8	32·9	35·3	34·6	35·5	35·1	37·7	36·0	38·9	36·9	39·8	37·6	27
28	35·3	34·3	34·9	33·8	34·8	33·9	34·7	33·1	33·9	32·9	34·6	33·5	35·9	35·0	36·7	36·3	37·6	37·5	38·7	38·6	39·3	39·3	39·0	39·0	28
29	39·9	39·9	39·3	39·3	39·1	39·1	39·2	39·2	39·3	39·3	39·8	39·8	39·8	39·8	39·9	39·9	40·2	40·2	40·7	40·7	41·7	41·7	42·9	42·9	29
30	42·9	42·9	42·5	42·5	41·9	41·9	41·9	41·9	41·9	41·9	42·1	42·1	42·7	42·7	43·2	43·2	43·9	43·9	44·0	44·0	44·3	44·3	44·4	44·4	30
31	45·9	45·9	44·7	44·7	42·4	42·4	40·7	40·7	37·2	37·2	37·9	36·5	37·8	37·2	38·7	37·2	39·5	38·0	40·5	38·9	41·5	40·5	42·7	41·8	31
Means.	40·4	40·3	40·1	40·0	39·8	39·7	39·5	39·3	39·3	39·1	39·5	39·3	39·7	39·5	40·1	39·9	40·3	40·1	40·8	40·5	41·3	40·9	41·7	41·3	Means.

JULY 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	52·2	49·6	51·8	49·8	49·9	48·8	49·2	48·2	49·4	48·9	48·4	48·1	48·3	47·1	48·6	46·5	47·9	47·1	47·2	46·9	47·3	47·8	47·6	47·6	48·1	47·2	1
2	46·9	46·6	46·9	46·7	47·9	46·9	49·1	47·6	47·9	47·5	47·3	46·7	46·3	45·0	45·7	44·3	44·8	43·6	44·2	43·3	43·8	43·0	43·2	42·9	46·4	45·8	2
3	52·9	47·7	53·7	47·9	54·8	48·8	54·1	49·9	53·9	50·3	52·8	49·7	52·4	48·0	51·6	48·1	51·1	47·8	50·7	48·6	49·8	48·9	49·3	48·9	48·8	45·8	3
4	55·6	52·4	55·9	52·1	56·1	53·1	52·2	51·2	50·7	50·7	50·7	50·2	49·9	48·4	51·4	46·7	48·7	48·7	48·8	48·8	48·4	48·4	48·8	48·8	50·0	49·0	4
5	51·0	51·0	50·6	50·4	50·2	50·0	50·2	50·1	50·2	50·1	49·7	49·3	48·9	48·6	48·7	48·1	48·6	48·5	49·6	49·6	46·8	45·9	46·6	45·9	48·9	48·8	5
6	46·2	46·2	44·8	44·7	46·6	46·6	45·7	45·7	45·2	45·2	45·0	44·8	44·8	44·3	44·7	44·2	45·0	44·9	45·4	45·4	44·8	44·8	43·6	43·3	45·6	45·5	6
7	43·8	43·8	44·0	44·0	44·6	44·6	45·2	45·2	45·9	45·9	46·4	46·4	47·1	47·1	47·2	47·2	46·7	46·7	46·7	46·7	46·6	46·6	46·1	46·1	44·1	44·1	7
8	46·3	45·8	46·1	45·7	47·0	45·3	46·9	45·0	47·7	45·6	46·8	45·0	46·1	44·2	45·4	43·7	44·9	44·2	45·1	44·2	44·9	44·2	44·7	44·7	45·9	45·3	8
9	48·2	48·2	48·8	48·8	48·9	48·9	49·7	49·7	48·9	48·9	48·3	48·3	47·6	47·6	47·5	47·5	47·4	47·4	47·1	47·1	46·9	46·9	47·0	47·0	46·9	46·9	9
10	48·7	48·7	48·9	48·9	48·5	48·5	48·6	48·6	48·5	48·5	48·0	48·0	48·5	48·5	48·9	48·9	48·8	48·8	48·1	48·1	47·7	47·7	47·2	47·2	48·1	48·1	10
11	41·7	41·7	41·1	41·1	42·3	42·3	42·7	42·7	42·2	42·2	41·9	41·9	41·6	41·5	40·2	39·9	40·0	39·7	40·6	40·6	40·7	40·7	40·5	40·5	43·1	43·0	11
12	41·7	41·7	41·3	41·3	40·8	40·8	41·7	41·7	42·0	42·0	41·9	41·9	42·1	42·1	41·4	41·4	39·9	39·9	38·9	37·8	39·4	38·1	39·9	39·2	40·6	40·4	12
13	45·8	45·6	46·9	46·6	46·3	46·3	46·9	46·9	45·9	45·9	45·8	45·8	45·5	45·5	45·6	45·6	44·3	44·3	44·1	44·1	43·1	43·1	42·9	42·9	43·7	43·7	13
14	39·8	39·8	40·9	40·9	40·9	40·9	40·9	40·9	41·1	41·1	39·9	39·9	39·5	39·5	39·9	39·9	39·7	39·7	39·7	39·7	39·9	39·9	39·5	39·5	40·4	40·4	14
15	40·9	40·9	42·0	42·0	42·1	42·1	42·7	42·7	41·9	41·8	41·8	41·8	42·0	42·0	42·8	42·8	42·6	42·6	40·9	40·9	42·2	42·2	43·6	43·6	40·8	40·8	15
16	37·3	37·3	37·8	37·8	38·1	38·1	37·6	37·6	37·7	37·7	37·8	37·8	38·4	38·4	38·8	38·8	38·9	38·9	39·2	39·2	38·8	38·8	37·6	37·7	39·3	39·3	16
17	35·9	35·9	35·9	35·9	36·3	36·3	36·6	36·6	35·9	35·9	35·3	35·3	35·1	35·1	34·1	34·1	34·6	34·6	34·5	34·5	34·3	34·3	34·8	34·8	35·9	35·9	17
18	33·7	33·8	33·6	33·6	33·7	33·7	32·6	32·6	32·2	32·2	32·9	32·9	31·9	31·9	31·7	31·7	30·8	31·9	30·6	31·0	30·6	30·6	30·7	30·8	32·8	32·9	18
19	32·8	32·1	32·6	32·1	33·3	32·2	33·2	32·8	33·2	33·1	32·1	32·1	32·0	32·0	32·7	32·7	32·1	32·1	31·8	31·8	31·3	31·8	31·1	31·8	31·4	31·3	19
20	35·0	33·9	36·9	35·9	36·4	35·1	36·9	35·2	37·7	35·7	36·9	35·8	35·9	34·8	35·7	34·2	35·3	33·9	35·7	34·9	35·1	34·5	33·2	32·8	33·5	32·8	20
21	34·7	34·7	35·9	36·1	39·8	39·8	37·7	37·9	39·8	39·8	37·8	37·9	37·2	37·2	37·7	37·7	38·8	38·8	38·3	38·3	38·2	38·2	38·1	38·1	35·1	35·1	21
22	41·2	41·2	40·8	40·8	41·1	41·1	40·7	40·7	39·1	39·1	38·7	38·7	38·7	38·7	38·0	38·0	38·0	38·0	38·1	38·1	37·6	37·6	37·8	37·8	39·2	39·2	22
23	38·5	38·5	38·5	38·5	38·8	38·8	38·7	38·7	38·9	38·9	37·7	37·7	36·6	36·6	36·9	36·9	35·6	35·6	36·5	36·5	36·7	36·7	36·0	36·0	37·9	37·9	23
24	35·8	35·8	36·2	36·2	35·9	35·9	35·7	35·7	34·4	34·5	34·7	34·7	34·0	34·0	33·9	33·9	33·9	33·9	33·2	33·2	33·0	33·0	31·8	31·9	34·8	34·8	24
25	32·0	32·0	33·1	33·1	33·2	32·4	33·3	33·1	33·8	33·7	33·6	33·6	33·1	33·1	32·9	32·9	32·9	32·9	32·3	32·3	31·5	31·9	31·6	32·0	31·8	31·8	25
26	35·6	35·6	36·5	36·4	36·2	36·2	35·7	35·7	35·2	35·2	35·5	35·5	35·0	35·0	34·7	34·7	34·4	34·4	33·8	33·6	33·7	33·7	34·0	33·9	33·5	33·5	26
27	39·6	38·6	40·2	38·7	39·8	37·7	39·9	38·7	41·0	38·6	41·3	39·1	40·1	39·8	39·4	38·9	38·5	37·9	37·9	37·6	37·1	35·8	35·9	34·8	37·1	36·1	27
28	39·1	39·1	39·7	39·7	39·9	39·9	40·3	40·3	40·7	40·7	40·8	40·8	40·8	40·8	40·2	40·2	40·1	40·1	40·1	40·1	39·9	39·9	40·0	40·0	38·2	37·9	28
29	42·9	42·9	43·7	43·7	43·6	43·6	43·0	43·0	43·6	43·6	42·9	42·9	43·1	43·1	43·4	43·4	43·5	43·5	43·3	43·3	42·8	42·8	43·1	43·1	41·7	41·7	29
30	45·1	45·1	45·0	45·1	44·9	44·9	44·9	44·9	45·1	45·1	45·2	45·2	45·9	45·9	46·0	46·0	46·1	46·1	46·6	46·6	46·6	46·6	46·6	46·6	44·3	44·3	30
31	42·2	41·9	44·1	43·3	45·2	44·7	45·7	44·9	44·0	43·2	43·6	42·8	43·5	43·0	42·9	42·7	43·2	41·7	43·1	40·6	43·0	39·9	42·5	39·8	42·2	41·2	31
Means.	42·0	41·6	42·4	41·9	42·7	42·1	42·5	42·1	42·4	42·0	42·0	41·6	41·7	41·3	41·6	41·0	41·2	40·9	41·0	40·8	40·7	40·5	40·5	40·3	41·0	40·7	Means.

AUGUST 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	41·7	38·9	42·3	38·8	42·0	39·3	42·4	41·2	43·1	42·6	42·9	42·9	42·9	42·9	43·3	43·3	43·9	43·9	43·9	43·9	44·3	44·3	45·2	45·2	1
2	48·7	48·7	48·2	48·2	47·7	47·7	48·0	48·0	46·6	46·6	44·3	44·3	43·1	43·0	42·1	42·1	41·0	41·0	40·8	40·8	40·7	40·7	41·0	41·0	2
3	37·3	37·3	36·9	36·9	36·3	36·3	36·8	36·8	36·7	36·7	36·7	36·7	36·2	36·2	35·9	35·9	36·2	36·2	37·0	37·0	37·1	37·1	37·0	37·0	3
4	35·3	35·3	35·6	35·6	34·2	34·2	34·5	34·5	34·8	34·8	35·0	35·0	35·2	35·2	35·7	35·7	36·2	36·2	36·7	36·7	37·1	37·1	37·5	37·5	4
5	37·9	37·9	38·1	38·1	38·6	38·6	37·7	37·7	37·7	37·7	38·0	38·0	38·1	38·1	38·2	38·2	39·5	39·5	39·9	39·9	40·7	40·7	41·0	41·0	5
6	39·7	39·7	40·1	40·1	40·1	40·1	39·9	39·9	39·7	39·7	40·2	40·2	41·2	41·2	41·9	41·9	42·1	42·1	42·7	42·6	43·9	43·1	45·0	44·0	6
7	44·7	43·4	45·4	44·2	45·6	44·6	44·8	44·2	44·1	43·9	44·0	44·0	45·9	45·1	45·9	45·5	46·9	46·2	46·9	46·6	48·9	47·3	47·9	47·6	7
8	49·6	49·6	49·7	49·7	49·6	49·6	49·6	49·6	49·9	49·9	50·0	50·0	50·5	50·2	51·1	50·9	51·0	50·9	51·9	51·2	53·9	50·9	56·5	52·9	8
9	51·4	51·4	51·9	51·9	51·2	51·2	50·8	50·8	49·1	49·1	48·5	48·5	49·0	49·0	49·6	48·6	51·9	49·2	52·1	49·9	54·7	52·2	55·6	51·9	9
10	50·9	50·9	49·3	49·3	49·0	49·0	48·1	41·3	47·6	47·1	48·3	46·6	49·1	49·0	49·9	49·0	52·1	50·2	52·9	51·1	52·7	51·7	54·2	51·4	10
11	49·9	49·9	49·6	49·6	49·6	49·6	49·6	49·6	49·9	49·9	49·6	49·6	49·7	49·7	49·5	49·5	49·6	49·6	50·7	50·7	51·6	51·6	52·5	52·4	11
12	51·8	51·8	51·2	51·2	50·9	50·9	51·0	51·0	50·7	50·7	50·1	50·1	50·8	50·7	52·7	51·0	54·5	51·9	54·7	53·1	53·2	51·6	52·4	50·3	12
13	50·1	50·1	49·9	49·9	49·4	49·4	49·0	49·0	48·3	48·3	46·8	46·8	46·5	46·5	46·8	46·8	47·9	47·9	48·4	48·4	45·1	45·1	44·9	44·9	13
14	40·7	40·7	40·1	40·1	40·8	40·8	39·5	39·5	38·9	38·9	38·9	38·9	38·9	38·9	39·0	39·0	39·6	39·6	39·9	39·9	40·2	40·2	40·9	40·9	14
15	39·8	39·8	40·0	40·0	39·8	39·8	39·5	39·5	39·6	39·6	39·3	39·3	39·4	39·4	39·9	39·9	39·7	39·7	39·1	39·1	40·6	40·6	41·1	41·1	15
16	44·8	44·8	45·1	45·1	45·2	45·2	45·3	45·3	40·7	40·7	40·5	40·5	40·7	40·7	45·9	45·9	46·1	46·1	45·9	45·9	45·0	45·0	44·8	44·8	16
17	43·2	43·2	42·7	42·7	42·7	42·7	42·7	42·7	42·1	42·1	41·9	41·9	42·7	42·3	43·0	42·2	45·2	45·0	45·4	45·1	46·1	46·0	46·7	46·7	17
18	44·8	44·8	44·1	44·1	44·0	44·0	42·8	42·8	43·6	43·1	45·1	45·1	45·3	45·3	46·1	46·1	46·7	46·7	46·9	46·9	47·6	47·6	49·4	49·4	18
19	43·7	43·7	41·7	41·6	40·2	39·9	39·7	39·6	40·0	40·0	41·9	41·9	42·4	42·4	42·7	42·9	43·9	43·9	43·9	43·9	43·6	43·6	43·0	43·0	19
20	36·1	36·1	36·5	36·5	35·4	35·4	36·1	35·2	37·1	34·6	39·9	34·2	43·2	34·8	41·0	36·9	41·3	38·8	41·4	40·2	42·7	42·2	42·4	41·9	20
21	42·7	42·7	39·8	39·8	36·9	36·9	34·9	34·9	33·3	33·3	32·4	32·4	32·9	32·9	33·7	32·5	36·2	35·5	37·9	37·3	40·5	37·5	41·6	39·5	21
22	42·5	42·5	44·1	44·1	44·2	44·2	43·8	43·8	44·2	44·2	45·4	45·4	45·5	45·5	46·8	46·8	46·7	46·7	47·1	47·1	47·0	47·0	47·7	47·7	22
23	45·6	45·6	45·6	45·6	46·2	46·2	46·7	46·7	46·9	46·9	46·7	46·7	46·4	46·4	46·4	46·5	46·2	46·2	46·0	46·0	45·8	45·8	45·8	45·2	23
24	46·8	46·8	46·9	46·9	46·5	46·5	46·1	46·1	45·9	45·9	45·7	45·7	45·0	45·0	45·7	45·7	45·6	45·6	45·8	45·8	45·3	45·4	44·9	44·9	24
25	33·9	33·9	34·4	34·4	33·2	33·2	33·3	33·3	32·6	32·6	32·7	32·7	32·8	32·8	32·5	32·6	32·9	32·9	33·8	33·8	33·0	33·0	33·8	33·8	25
26	31·8	32·0	31·1	31·7	31·8	31·9	31·9	31·9	31·8	31·8	31·1	31·1	31·1	31·1	31·2	31·2	31·9	31·9	31·9	31·9	31·9	31·9	32·1	32·0	26
27	32·1	32·1	31·9	31·8	31·8	32·0	31·7	32·0	31·7	31·9	31·7	31·9	31·8	31·9	32·1	31·9	32·1	32·0	32·8	32·1	34·2	32·8	33·8	33·6	27
28	32·3	32·3	32·3	32·3	32·7	32·7	32·9	32·9	33·0	33·0	33·5	33·5	33·0	33·0	33·2	33·2	32·7	32·7	34·5	34·5	34·9	34·9	36·7	36·7	28
29	32·4	32·4	32·6	32·6	32·6	32·6	32·6	32·6	32·7	32·7	32·3	32·3	32·2	32·2	32·4	32·4	32·9	32·9	32·6	32·6	34·0	34·0	35·5	35·6	29
30	34·7	34·7	34·8	34·8	34·8	34·8	34·7	34·7	34·7	34·7	34·8	34·8	34·5	34·5	34·9	34·9	35·2	35·2	36·0	36·0	36·5	36·5	37·8	37·8	30
31	36·5	36·5	35·4	35·4	35·3	35·3	34·6	34·6	34·3	34·3	34·6	34·6	34·0	34·0	34·7	34·7	34·6	34·6	35·3	35·3	36·2	36·2	36·5	36·5	31
Means.	41·7	41·3	41·5	41·4	41·2	41·1	41·0	40·7	40·7	40·6	40·7	40·5	41·0	40·6	41·4	41·1	42·0	41·6	42·4	42·1	42·9	42·4	43·4	42·8	Means.

AUGUST 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	46·1	46·1	45·7	45·7	46·9	46·9	47·0	47·0	47·7	47·7	47·8	47·8	47·6	47·6	47·7	47·7	47·0	47·0	47·6	47·6	48·7	48·7	48·8	48·8	45·3	44·8	1
2	41·1	41·1	41·3	41·3	41·8	41·8	41·7	41·7	41·0	41·0	39·9	39·9	39·3	39·3	39·1	39·1	38·9	38·9	38·1	38·1	37·8	37·8	37·9	37·9	42·1	42·1	2
3	37·6	37·6	37·9	37·9	38·7	38·7	38·9	38·9	39·0	39·0	39·5	39·5	39·0	39·0	38·7	38·7	38·4	38·4	37·2	37·2	35·8	35·8	35·1	35·1	37·3	37·3	3
4	38·1	38·1	38·1	38·1	38·3	38·3	37·2	37·2	37·0	37·0	37·1	37·1	37·0	37·0	36·2	36·2	37·1	37·1	36·2	36·2	37·6	37·6	37·9	37·9	36·5	36·5	4
5	42·2	41·7	42·6	41·9	43·9	42·5	44·2	43·2	44·6	43·0	44·1	42·4	44·1	41·7	43·8	40·8	41·9	39·9	41·7	38·9	41·7	36·8	38·1	36·8	40·8	39·8	5
6	46·8	44·8	47·9	45·3	48·1	45·3	47·8	44·4	49·0	45·7	48·9	46·0	48·0	45·9	47·3	45·7	46·5	45·6	44·8	42·9	44·7	42·0	44·1	42·4	44·2	42·9	6
7	48·8	48·1	48·4	48·1	49·9	49·3	50·9	48·9	51·1	50·7	50·7	50·6	50·5	50·5	50·9	50·9	49·7	49·7	48·9	48·9	49·5	49·5	49·7	49·7	47·9	47·4	7
8	57·5	54·1	55·9	54·1	54·7	53·0	55·2	52·9	56·2	53·9	55·1	54·2	54·2	53·9	53·0	53·0	52·7	52·7	52·6	52·6	52·3	52·3	51·6	51·6	52·7	51·8	8
9	56·4	52·0	60·1	54·1	59·6	53·7	59·5	52·5	57·9	49·3	56·1	51·6	53·7	52·7	52·9	52·9	53·1	53·1	54·9	54·9	52·4	52·4	51·6	51·6	53·5	51·4	9
10	55·1	52·1	55·2	50·3	54·5	52·5	52·5	50·7	52·7	51·5	52·6	51·8	52·4	51·6	52·0	50·7	51·7	50·8	51·7	51·6	51·6	51·6	50·7	50·7	51·5	50·1	10
11	52·2	52·1	51·9	51·9	52·8	52·2	53·1	52·8	53·0	52·7	52·9	52·8	52·8	52·8	52·8	52·8	52·8	52·9	52·6	52·6	52·2	52·2	52·1	52·1	51·4	51·3	11
12	52·9	50·9	52·2	49·9	51·3	50·8	51·2	51·0	51·3	51·3	50·8	50·8	49·9	49·9	49·7	49·7	49·6	49·6	49·8	49·9	50·0	50·0	50·3	50·3	51·4	50·8	12
13	44·1	44·1	43·6	43·6	43·6	43·6	43·8	43·8	43·7	43·7	42·8	42·8	42·0	42·0	42·0	42·0	41·9	41·9	41·7	41·7	40·8	40·8	40·8	40·8	45·2	45·2	13
14	40·7	40·7	40·9	40·9	41·1	41·1	41·1	41·1	40·9	40·9	40·7	40·7	40·1	40·1	39·1	39·1	39·1	39·1	39·0	39·0	39·8	39·8	39·9	39·9	40·0	40·0	14
15	41·3	41·3	41·8	41·8	42·1	42·1	42·4	42·4	43·4	43·4	43·8	43·8	44·2	44·2	44·8	44·8	45·6	45·6	45·7	45·7	45·8	45·8	45·6	45·6	41·8	41·8	15
16	44·9	44·9	45·2	45·2	45·4	45·4	45·0	45·0	44·6	44·6	43·6	43·6	43·1	43·1	42·4	42·2	42·7	42·3	43·1	43·1	43·0	43·0	42·9	42·9	44·0	44·0	16
17	45·9	46·1	46·4	46·3	46·3	46·3	46·8	46·8	46·5	46·5	47·1	47·1	47·2	47·2	46·8	46·8	46·7	46·7	46·5	46·5	46·2	46·2	45·8	45·8	45·1	45·0	17
18	49·0	48·9	49·3	48·8	48·6	48·2	48·2	47·5	48·2	47·6	48·0	48·0	47·7	47·7	47·7	47·7	45·9	45·9	45·6	45·6	45·2	45·2	44·9	44·9	46·4	46·3	18
19	42·8	42·8	41·5	41·5	40·3	40·3	39·8	39·8	39·5	39·5	39·4	39·4	38·6	38·6	37·8	37·8	37·2	37·2	36·7	36·7	36·5	36·5	36·2	36·2	40·5	40·5	19
20	42·6	42·3	41·8	41·7	42·1	42·1	41·7	41·7	41·2	41·2	41·2	41·2	41·2	41·2	41·1	41·1	41·4	41·4	41·2	41·2	42·1	42·1	42·5	42·5	40·6	39·4	20
21	43·9	41·9	45·9	42·8	46·6	41·9	46·7	43·0	46·4	43·0	44·6	41·7	42·9	42·8	41·5	41·5	40·3	40·3	40·3	40·3	40·2	40·2	39·3	39·3	40·1	38·9	21
22	47·1	47·1	47·7	47·7	47·6	47·6	47·5	47·5	46·8	46·8	46·1	46·1	45·0	45·1	43·5	42·9	42·6	42·2	42·7	42·6	44·0	44·0	45·1	45·1	45·4	45·4	22
23	48·7	47·9	49·6	49·4	48·7	48·5	48·8	48·8	48·7	48·7	48·5	48·5	48·2	48·2	48·7	48·7	48·1	48·1	47·8	47·9	47·6	47·6	47·0	47·0	47·3	47·2	23
24	43·6	43·6	42·6	42·7	40·5	40·5	37·1	36·9	39·2	39·2	39·8	39·8	39·9	39·9	39·1	39·1	37·7	37·7	35·9	35·9	35·7	35·7	33·9	33·9	42·3	42·3	24
25	33·1	33·1	34·5	34·5	33·9	33·9	34·1	34·1	33·9	33·9	32·1	32·1	33·4	33·4	33·1	33·1	32·7	32·7	30·9	32·0	31·4	32·0	31·9	32·0	33·1	33·2	25
26	32·9	32·1	33·0	32·6	33·2	32·8	32·9	32·8	33·5	33·5	33·6	33·6	33·0	33·0	33·0	33·0	32·7	32·7	32·3	32·3	32·3	32·3	32·4	32·4	32·3	32·2	26
27	34·1	34·1	34·6	34·6	34·9	34·9	35·0	35·0	34·9	34·9	34·1	34·1	33·6	33·6	33·7	33·7	33·6	33·6	33·3	33·3	32·9	33·0	32·7	32·7	33·1	33·1	27
28	36·1	36·1	34·9	34·9	35·0	35·0	33·9	33·9	33·9	33·9	33·2	33·3	33·8	33·8	33·0	33·0	32·7	32·7	32·5	32·5	32·6	32·6	32·4	32·4	33·6	33·6	28
29	35·5	35·5	35·9	35·9	34·0	34·0	34·6	34·6	34·9	34·9	34·9	34·9	34·8	34·8	34·8	34·8	34·2	34·2	33·9	33·9	34·0	34·0	34·2	34·2	33·8	23·8	29
30	37·3	37·3	36·9	36·9	37·4	37·4	37·8	37·7	37·9	37·9	38·1	38·1	38·3	38·3	38·8	38·8	38·4	38·4	37·8	37·8	37·0	37·0	37·2	37·2	36·5	36·5	30
31	36·0	36·0	36·6	36·6	36·1	36·1	36·1	36·1	35·8	35·8	35·9	35·9	35·3	35·3	34·6	34·6	33·9	33·9	33·7	33·7	32·9	32·9	32·7	32·6	35·1	35·1	31
Means.	43·7	43·0	43·9	43·1	43·8	43·1	43·6	42·9	43·7	43·0	43·3	42·9	42·9	42·7	42·6	42·4	42·2	42·0	41·8	41·7	41·8	41·5	41·5	41·4	42·3	41·9	Means.

SEPTEMBER 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	32·7	32·5	32·5	32·3	32·3	32·2	32·6	32·6	32·6	31·8	33·0	31·9	32·9	32·8	34·6	34·4	36·3	35·5	37·8	37·1	39·2	38·4	39·9	38·7	1
2	35·1	35·1	34·9	34·9	34·8	34·8	34·2	34·2	33·8	33·8	33·7	33·7	33·5	33·5	33·9	33·9	34·4	34·4	35·3	35·3	35·4	35·4	35·7	35·7	2
3	35·4	35·4	34·9	34·9	35·0	35·0	34·7	34·7	33·9	33·9	34·0	34·0	33·6	33·6	33·7	33·7	33·9	33·9	34·1	34·0	35·2	35·2	34·9	34·9	3
4	34·8	34·8	34·2	34·2	34·2	34·2	34·2	34·2	33·9	33·9	33·9	33·9	33·9	33·9	34·7	34·7	35·2	35·2	35·9	35·9	37·0	36·9	38·0	37·8	4
5	33·5	33·5	34·1	34·1	33·9	33·9	33·9	33·9	33·9	33·9	33·3	33·3	33·8	33·8	33·8	33·8	33·8	33·8	34·7	34·7	35·1	35·1	35·0	35·0	5
6	29·9	29·9	29·7	29·8	28·9	28·9	29·0	29·0	28·6	28·7	29·0	29·0	29·7	29·7	29·8	29·8	30·4	30·4	31·2	31·2	32·1	31·9	33·9	32·9	6
7	35·1	34·9	34·7	34·7	32·5	32·5	33·7	33·7	33·8	33·8	32·0	31·9	32·7	32·7	32·8	32·8	33·1	33·0	33·9	33·9	35·0	34·0	35·5	34·9	7
8	36·1	36·1	35·2	35·2	35·7	35·7	35·9	35·9	35·7	35·7	35·7	35·7	34·9	34·9	35·1	35·1	36·9	36·7	37·9	37·9	38·6	38·6	39·5	39·6	8
9	45·9	45·9	46·8	46·8	46·8	46·8	47·0	47·0	47·9	47·9	48·0	48·0	48·0	48·0	48·2	48·2	48·3	48·1	48·9	48·9	48·8	48·8	49·1	49·1	9
10	48·8	48·8	49·2	49·2	50·1	50·1	50·1	50·1	48·9	49·0	48·8	48·8	49·7	49·7	50·5	50·5	50·9	50·9	51·2	51·2	51·0	51·0	51·0	51·0	10
11	46·0	46·0	45·2	45·3	45·8	45·8	45·9	45·9	45·8	45·8	45·7	45·7	45·6	45·6	45·7	45·7	45·4	43·1	48·8	41·7	49·2	44·3	51·1	46·1	11
12	46·0	46·0	45·1	44·8	44·7	44·0	44·2	44·1	43·8	43·6	44·7	41·8	44·9	41·6	45·8	42·6	47·2	44·4	48·9	45·9	50·6	46·6	51·7	47·2	12
13	43·8	42·6	45·0	38·1	46·5	38·8	45·8	38·8	45·3	38·0	45·4	37·4	45·7	38·5	46·3	39·6	46·7	41·7	47·9	42·3	48·8	43·1	50·0	44·0	13
14	44·8	40·8	46·7	39·2	46·7	38·9	49·2	38·9	47·4	38·5	47·1	37·9	48·2	39·3	50·7	39·0	53·5	39·2	53·9	40·0	54·8	40·6	54·2	42·7	14
15	42·6	42·5	44·1	44·0	44·9	43·1	44·9	42·8	45·5	42·6	45·1	42·9	45·5	42·3	46·8	42·8	48·0	43·0	50·3	43·1	50·8	39·6	51·9	41·0	15
16	45·0	44·9	45·0	45·0	43·8	43·8	44·6	44·1	43·7	43·7	43·6	43·6	44·3	44·1	45·2	45·1	46·6	46·6	46·6	46·6	46·4	46·3	45·5	45·5	16
17	45·4	45·4	46·2	46·2	46·3	46·3	46·5	46·5	46·4	46·4	46·7	46·7	46·8	46·8	46·9	46·9	46·9	46·9	47·0	47·0	47·0	47·0	47·6	47·6	17
18	45·0	45·0	45·6	45·6	44·9	44·9	44·7	44·8	44·6	44·6	43·9	43·9	42·9	42·9	42·8	42·8	42·7	42·7	43·9	43·9	44·9	44·9	45·6	45·6	18
19	46·2	39·6	45·7	39·6	47·6	38·7	47·8	38·3	45·6	38·1	45·3	38·3	45·9	38·2	48·1	39·5	50·6	40·9	51·5	41·0	51·3	42·7	52·2	42·9	19
20	50·3	50·3	49·1	49·1	47·5	47·5	46·6	46·6	45·2	45·2	44·0	44·0	43·0	43·0	42·0	42·0	41·0	41·0	40·2	40·2	40·0	40·0	39·5	39·5	20
21	46·1	46·1	45·4	45·5	45·2	45·2	45·7	45·7	44·9	44·9	44·3	44·3	43·2	43·2	43·1	43·1	43·7	43·7	44·3	44·3	44·7	44·7	44·9	44·9	21
22	33·8	33·8	33·4	33·4	34·1	34·1	34·9	34·9	35·2	35·2	35·3	35·3	35·3	35·3	35·9	35·9	36·0	36·0	34·8	34·8	34·4	34·4	34·2	34·2	22
23	29·0	29·3	29·8	29·8	29·8	29·8	29·6	29·6	29·7	29·7	29·3	29·3	29·2	29·2	29·9	29·9	30·3	30·3	30·9	30·9	31·9	31·9	32·0	31·9	23
24	36·0	36·0	36·9	36·9	37·3	37·3	36·1	36·1	36·6	36·6	36·4	36·4	35·5	35·5	35·7	35·7	35·2	35·2	35·2	35·2	35·2	35·3	35·0	35·0	24
25	36·0	36·1	35·5	35·5	35·4	35·4	34·6	34·6	34·2	34·2	33·0	33·0	32·9	32·9	33·6	33·6	34·1	34·1	35·4	35·4	35·0	35·0	35·3	35·3	25
26	39·9	39·9	39·9	39·9	36·9	36·9	36·9	36·9	33·9	33·9	34·2	34·2	33·6	33·6	33·1	33·1	33·5	33·5	32·6	32·6	33·1	33·1	32·8	32·8	26
27	31·2	31·2	31·9	31·9	32·5	32·0	35·3	35·3	36·2	36·2	36·1	36·1	36·6	36·6	36·9	36·9	37·2	37·2	36·2	36·2	35·3	35·3	33·7	33·7	27
28	36·3	36·3	36·7	36·7	37·2	37·2	36·2	36·2	36·1	36·1	36·9	36·9	34·2	34·2	33·9	33·9	32·7	32·7	32·9	32·9	32·2	32·2	31·5	31·9	28
29	31·0	31·9	31·2	31·7	30·2	30·4	29·9	30·0	29·2	29·3	29·8	29·8	28·9	29·0	29·1	28·9	29·0	29·1	30·0	30·0	30·2	30·2	29·3	29·4	29
30	32·0	32·0	31·9	32·0	31·7	31·7	31·9	31·9	32·0	32·0	32·4	32·0	34·0	33·7	33·8	33·8	33·1	33·1	34·1	34·1	33·8	33·8	36·2	36·2	30
31																									31
Means.	39·1	38·8	39·2	38·5	39·1	38·2	39·2	38·2	38·8	37·9	38·7	37·7	38·6	37·6	39·1	37·9	39·6	38·2	40·2	38·6	40·6	38·9	40·9	39·2	Means.

SEPTEMBER 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	39·9	38·9	41·8	39·8	40·7	39·9	39·8	38·6	38·9	38·1	38·2	38·0	38·0	38·0	36·0	36·0	35·8	35·8	35·2	35·2	35·0	35·0	35·0	35·0	36·3	35·8	1
2	35·9	35·9	37·1	37·1	37·0	37·0	36·4	36·4	36·0	36·0	34·8	34·8	35·9	35·9	36·2	36·2	36·1	36·1	35·9	35·9	35·9	36·0	35·6	35·6	35·3	35·3	2
3	36·0	36·0	35·9	35·9	35·2	35·2	36·5	36·5	35·8	35·8	35·1	35·1	34·8	34·8	34·4	34·4	34·3	34·3	33·9	33·9	33·8	33·8	34·6	34·6	34·7	34·7	3
4	38·3	37·9	38·5	38·4	39·4	38·9	38·9	38·4	38·6	38·5	38·0	38·0	35·6	35·6	35·0	35·0	35·1	35·1	33·7	32·7	33·8	32·8	33·6	33·2	35·8	35·6	4
5	35·3	35·3	34·8	34·8	35·3	35·3	34·5	34·5	33·8	33·8	33·1	33·1	32·9	32·9	31·9	31·9	31·9	31·9	31·9	31·9	30·7	30·7	30·3	30·6	33·6	33·6	5
6	35·7	35·2	36·1	35·3	37·7	36·1	37·4	36·2	36·2	35·3	35·8	35·0	35·1	34·1	34·9	34·7	34·8	34·8	34·8	34·7	34·9	34·9	35·0	35·0	32·9	32·6	6
7	35·7	35·7	35·9	35·5	36·0	36·0	36·1	36·1	35·7	35·7	36·0	36·0	35·5	35·5	36·1	36·1	36·8	36·8	36·1	36·1	36·0	36·0	35·8	35·9	34·9	34·8	7
8	40·1	40·1	40·0	40·0	40·2	40·1	40·2	40·1	40·8	40·8	40·9	40·9	41·1	41·1	42·7	42·7	43·9	43·9	44·9	44·9	45·3	45·3	46·0	46·0	39·3	39·3	8
9	48·9	48·9	48·9	48·9	48·9	48·9	49·7	49·7	48·9	48·9	49·0	49·0	49·1	49·1	49·9	49·9	47·9	47·9	47·9	47·9	48·4	48·5	48·1	48·1	48·3	48·3	9
10	51·2	51·2	51·9	51·9	52·1	52·1	52·1	52·1	51·7	51·8	51·6	51·6	51·5	51·5	51·6	51·7	51·4	51·4	50·7	50·7	49·7	49·7	48·8	48·9	50·6	50·6	10
11	51·6	46·9	51·7	48·0	51·0	49·7	49·9	49·8	49·7	49·7	49·8	49·3	49·5	49·5	48·9	48·9	48·2	48·2	47·8	47·0	46·8	46·1	46·2	45·9	48·0	46·7	11
12	53·9	48·3	54·8	49·3	54·2	48·8	54·3	48·3	51·1	46·1	50·0	46·0	48·2	45·2	46·9	45·0	46·9	43·6	46·4	42·7	46·2	42·7	45·6	41·1	48·2	45·0	12
13	51·2	45·2	51·1	45·9	51·0	46·0	49·8	45·3	48·4	44·9	46·1	43·8	44·8	43·0	43·9	41·7	43·1	41·1	43·1	40·9	43·8	40·9	44·4	40·2	46·6	41·7	13
14	53·1	44·4	52·7	45·7	50·6	44·0	49·9	43·1	47·1	45·0	44·9	44·6	43·8	43·8	44·7	42·1	43·4	42·9	45·9	43·5	43·7	42·9	42·3	42·3	48·3	41·6	14
15	52·1	46·8	50·1	46·9	49·2	47·2	47·6	46·7	46·3	45·9	45·8	45·1	45·8	45·0	46·2	44·8	46·6	44·8	45·9	44·9	45·8	43·8	44·0	43·4	46·9	44·0	15
16	46·1	45·9	45·9	45·9	46·1	46·1	46·4	46·4	46·2	46·2	47·0	47·0	46·6	46·6	46·1	46·1	45·9	45·9	45·9	45·9	45·4	45·4	45·7	45·6	45·6	45·5	16
17	47·7	47·7	47·2	47·2	46·0	46·0	45·3	45·3	45·0	45·0	45·1	45·1	45·6	45·6	45·6	45·6	45·7	45·7	45·5	45·5	45·2	45·2	45·3	45·3	46·2	46·2	17
18	45·7	45·7	44·4	44·4	44·6	44·3	44·7	44·2	45·0	42·6	44·5	43·4	43·9	42·9	44·9	40·0	47·8	38·0	47·7	42·1	47·0	41·9	47·7	42·9	45·0	43·5	18
19	53·1	44·1	52·6	44·7	52·7	46·6	51·5	48·6	51·3	50·7	50·9	50·8	51·0	51·0	50·6	50·6	50·6	50·6	50·9	50·9	50·6	50·6	50·7	50·7	49·7	44·5	19
20	40·5	40·5	40·8	40·8	41·3	40·7	42·4	41·3	41·9	41·2	42·6	39·1	43·1	37·9	41·7	39·3	41·8	38·9	41·7	40·7	42·9	42·9	45·6	45·6	43·1	42·4	20
21	43·0	43·0	41·1	41·1	38·6	38·6	36·7	36·7	35·2	35·2	35·1	35·1	34·8	34·8	35·2	35·2	34·4	34·4	34·2	34·2	34·4	34·4	33·8	33·8	40·5	40·5	21
22	34·2	34·2	33·5	33·6	33·2	33·2	32·9	32·9	32·1	32·1	32·0	32·0	31·9	31·9	31·7	32·0	30·9	31·7	30·6	30·6	30·0	30·1	30·2	30·2	33·4	33·4	22
23	32·3	32·0	32·0	32·0	32·5	32·1	33·2	32·8	33·7	33·7	34·0	34·0	34·6	34·6	34·5	34·5	34·6	34·6	34·1	34·1	34·5	34·5	35·3	35·3	31·9	31·9	23
24	34·9	34·9	35·7	35·7	35·8	35·8	36·0	36·0	35·2	35·2	35·0	35·0	36·0	36·0	36·9	36·9	35·6	35·6	36·8	36·8	37·0	37·0	36·9	36·9	36·0	36·0	24
25	36·3	36·3	35·9	35·9	35·7	35·7	36·7	36·7	35·9	35·8	36·0	34·9	36·0	36·0	37·7	37·7	38·6	38·6	39·3	39·3	39·7	39·7	39·9	39·9	35·9	35·9	25
26	32·8	32·8	32·5	32·5	32·4	32·4	32·7	32·7	31·9	31·9	31·7	31·9	31·7	31·8	31·9	31·9	31·6	31·6	31·2	31·2	30·8	30·8	31·2	31·2	33·4	33·5	26
27	33·7	33·7	33·7	33·7	33·1	33·1	33·3	33·3	33·6	33·6	32·9	32·9	32·9	32·9	32·7	32·8	33·3	33·3	33·9	33·9	34·2	34·2	35·8	35·8	34·3	34·2	27
28	31·7	31·8	31·9	31·9	31·7	31·9	32·0	32·0	33·2	33·2	33·2	32·9	32·9	32·9	32·7	32·7	32·0	32·0	31·9	32·0	31·9	32·0	31·9	32·0	33·5	33·5	28
29	28·9	29·0	29·9	29·9	30·4	30·5	31·1	31·1	29·7	29·8	30·7	30·7	30·5	30·5	31·0	31·0	31·6	31·6	31·4	31·4	31·9	31·8	32·0	32·0	30·3	30·4	29
30	35·5	35·5	35·2	35·2	34·9	34·9	35·5	35·5	35·2	35·2	35·2	35·2	36·7	36·7	36·3	36·3	35·6	35·6	34·7	34·8	34·7	34·7	33·8	33·8	34·2	34·2	30
31																											31
Means.	41·2	39·8	41·1	39·9	40·9	39·9	40·8	39·9	40·1	39·6	39·8	39·4	39·7	39·2	39·6	39·1	39·5	38·9	39·5	38·9	39·3	38·8	39·4	38·9	39·8	38·8	Means.

OCTOBER 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	33·0	33·0	31·9	32·0	31·1	31·8	30·0	30·0	29·8	29·8	29·0	29·0	28·9	28·9	28·4	28·4	29·1	29·1	29·6	29·6	29·9	29·9	30·5	30·5	1
2	31·9	31·9	32·0	32·0	32·3	32·1	33·3	33·0	34·8	34·8	35·7	35·7	37·0	37·0	35·0	35·0	36·9	36·9	37·4	37·4	38·6	38·6	40·2	40·2	2
3	33·1	33·1	32·7	32·7	31·9	32·0	30·3	31·4	30·3	30·3	29·9	29·9	29·9	29·9	29·3	29·3	29·3	29·3	29·4	29·4	29·0	29·0	29·3	29·3	3
4	28·4	28·4	28·4	28·4	27·8	27·9	28·1	28·1	29·0	29·0	29·3	29·3	29·5	29·5	29·7	29·7	30·0	30·0	30·9	30·7	30·7	29·9	32·0	31·9	4
5	34·2	34·2	34·8	34·7	35·8	35·7	38·9	36·9	34·7	34·5	39·6	37·3	40·1	36·9	41·9	37·2	44·0	39·6	47·0	38·3	43·8	37·9	44·6	39·1	5
6	42·9	31·7	42·6	30·9	42·3	30·5	42·5	32·3	43·0	31·7	44·0	31·2	44·7	30·9	48·8	34·9	50·2	39·9	52·2	42·2	52·8	41·3	54·5	41·9	6
7	46·2	39·4	46·3	39·2	45·0	38·1	45·1	38·6	44·8	38·9	43·9	38·7	45·2	37·9	45·7	38·1	47·6	39·5	48·1	39·1	49·4	39·9	47·8	39·8	7
8	35·0	35·0	34·8	34·8	34·9	34·9	34·9	34·9	34·9	34·9	34·8	34·8	34·9	34·9	34·6	34·6	34·3	34·3	33·8	33·8	33·6	33·6	32·8	32·8	8
9	31·9	31·9	32·0	31·9	32·1	32·0	32·1	32·0	32·1	32·6	32·9	32·7	33·2	33·2	33·6	33·6	33·2	33·2	34·2	34·2	34·9	34·9	35·1	35·1	9
10	20·3	20·4	20·3	20·3	20·3	20·1	20·5	20·5	20·4	20·4	20·5	20·5	20·2	20·2	20·6	20·6	21·2	21·2	21·9	21·9	22·1	22·1	21·9	21·9	10
11	20·3	20·4	20·9	20·8	21·8	21·8	22·4	22·4	22·7	22·6	22·8	22·8	22·7	22·7	23·8	23·7	24·4	24·4	25·0	24·8	25·5	25·5	25·8	25·7	11
12	25·8	25·7	25·0	25·0	24·6	24·7	24·1	24·1	22·9	22·7	22·9	22·8	22·9	22·8	23·0	22·8	23·7	23·7	24·2	24·1	24·5	24·5	25·0	24·8	12
13	24·6	24·5	25·9	25·9	26·9	26·8	26·9	26·9	27·3	27·3	27·0	27·0	27·5	27·5	27·6	27·6	27·5	27·5	27·9	27·9	28·4	28·4	28·4	28·4	13
14	35·7	35·8	34·7	34·7	34·6	34·6	33·9	33·9	32·3	32·3	31·9	32·0	30·7	31·2	29·9	29·9	29·9	29·9	30·3	30·3	29·9	29·9	30·6	30·6	14
15	37·1	37·1	37·0	37·0	37·8	37·8	38·8	38·8	39·5	39·5	39·5	39·5	39·3	39·3	39·3	39·3	39·1	39·1	38·9	38·9	38·8	38·8	38·9	38·9	15
16	28·8	28·8	28·9	28·7	30·7	29·9	36·4	30·8	35·7	35·7	39·5	39·5	39·6	39·6	39·3	39·3	40·1	40·1	40·8	40·8	40·9	40·9	39·9	39·9	16
17	35·1	35·1	34·6	34·6	35·4	35·4	35·6	35·6	36·9	36·9	38·3	38·3	39·9	39·9	40·1	40·1	40·2	40·2	39·7	39·7	38·9	38·9	39·2	39·2	17
18	37·8	37·8	37·9	37·9	37·9	37·9	37·9	37·9	38·0	38·0	38·1	38·1	37·9	37·9	37·9	37·9	37·6	37·6	37·8	37·8	37·6	37·6	38·3	38·3	18
19	32·4	32·3	30·9	30·9	31·1	31·1	32·0	31·7	30·6	31·6	30·8	30·8	30·6	30·6	30·2	30·2	30·3	30·3	31·0	31·0	31·3	31·3	31·7	31·7	19
20	32·2	32·0	32·1	32·0	32·1	32·1	32·1	32·1	32·0	32·0	32·0	32·0	31·8	31·8	31·2	31·2	31·8	31·2	32·8	32·1	36·8	36·8	37·2	37·2	20
21	39·9	39·9	39·0	39·0	37·7	37·6	37·7	37·7	37·1	37·1	36·3	36·3	36·5	36·5	36·7	36·7	35·9	35·9	35·9	35·9	35·8	35·8	35·6	35·6	21
22	35·9	35·9	35·9	35·9	36·0	36·0	36·4	36·4	36·1	36·1	35·6	35·6	34·9	34·9	34·9	34·9	34·7	34·7	35·8	35·8	35·5	35·5	34·4	34·4	22
23	32·8	32·8	32·2	32·2	32·2	32·2	32·4	32·4	32·9	32·9	33·2	33·2	33·1	33·1	33·7	33·7	32·2	32·2	32·2	32·2	32·9	32·9	32·7	32·7	23
24	36·0	36·0	36·0	36·0	35·9	35·9	35·8	35·8	35·6	35·6	35·2	35·2	34·7	34·7	32·9	32·9	31·9	31·9	30·4	31·7	30·8	31·2	29·9	29·9	24
25	29·9	29·9	30·7	30·7	30·8	30·8	31·0	31·0	31·8	31·8	31·9	31·9	32·5	31·9	33·3	32·9	34·4	34·4	36·2	36·2	38·2	38·2	38·9	38·9	25
26	30·9	31·5	28·9	28·9	26·9	26·9	26·8	26·8	26·7	26·7	26·0	26·0	25·7	25·7	25·0	25·0	24·9	24·9	25·0	24·8	23·8	23·6	22·9	22·8	26
27	22·1	22·1	21·8	21·8	22·5	22·5	21·9	21·8	21·3	21·3	21·0	20·9	21·0	20·9	20·9	20·9	21·6	21·6	21·6	21·6	22·3	22·3	22·7	22·7	27
28	33·2	33·2	31·9	31·9	32·0	32·0	31·1	31·6	31·1	31·1	31·9	31·9	27·9	27·9	25·0	24·6	23·9	23·8	22·4	22·4	23·0	23·0	20·8	20·8	28
29	21·1	21·1	21·2	21·2	22·2	22·1	22·0	21·9	22·0	22·0	22·3	22·3	22·1	22·1	22·4	22·4	22·9	22·8	23·1	23·1	23·9	23·9	24·2	23·8	29
30	29·8	29·8	29·9	29·9	31·6	31·2	31·0	31·1	31·2	31·2	31·9	31·9	29·9	30·1	30·2	30·2	30·2	30·2	31·3	31·3	31·9	31·9	31·9	31·9	30
31	40·9	40·9	40·0	40·0	39·4	39·3	40·2	40·2	40·9	40·9	40·9	40·9	41·2	41·2	41·0	41·0	41·5	41·5	39·7	39·7	36·7	36·7	37·8	37·8	31
Means.	32·2	31·7	32·0	31·4	32·1	31·4	32·3	31·6	32·2	31·7	32·5	31·8	32·5	31·7	32·4	31·6	32·7	32·0	33·1	32·2	33·3	32·4	33·4	32·5	Means.

OCTOBER 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	30·9	30·6	30·7	30·7	30·0	30·0	30·8	30·8	30·7	30·7	30·0	30·0	30·6	30·6	29·3	29·3	30·2	30·2	30·9	30·9	31·5	31·5	31·7	31·7	30·4	30·4	1
2	41·2	41·2	39·1	39·1	39·4	39·4	40·1	40·1	40·7	40·7	41·0	41·0	38·9	38·9	36·7	36·7	35·8	35·8	35·1	35·1	34·3	34·3	33·5	33·5	36·7	36·7	2
3	28·7	28·7	29·3	29·4	29·4	29·4	29·2	29·2	29·4	29·4	29·6	29·6	29·0	29·0	29·2	29·2	29·0	29·0	28·9	28·9	29·2	29·2	29·0	29·0	29·8	29·8	3
4	32·3	32·0	32·1	32·9	33·7	33·4	33·9	33·9	33·6	33·6	33·3	33·3	34·0	34·0	33·9	33·9	34·1	34·1	34·4	34·4	34·1	34·1	34·2	34·2	31·6	31·5	4
5	44·3	38·5	44·9	38·9	41·5	39·2	41·5	39·1	41·6	36·9	41·1	36·1	42·6	33·9	42·9	33·1	43·9	32·4	42·9	32·7	44·1	32·9	44·0	32·4	41·4	36·2	5
6	55·7	44·7	55·0	44·3	53·6	42·2	52·5	42·1	49·1	39·3	47·1	38·1	46·2	38·0	46·6	38·5	48·5	39·9	47·4	39·2	46·9	38·7	47·0	39·2	48·2	37·6	6
7	46·9	42·2	45·3	40·4	44·7	42·4	42·7	40·6	40·2	38·1	40·8	36·7	39·6	36·3	38·9	36·3	37·9	35·8	36·9	36·9	35·6	35·6	35·8	35·8	43·4	38·5	7
8	32·0	32·0	31·9	31·9	31·6	31·9	30·3	31·6	30·9	30·9	29·9	29·9	30·4	30·4	30·3	30·3	30·2	30·2	30·9	30·9	31·2	31·2	31·6	31·6	32·7	32·8	8
9	33·6	33·6	31·9	31·9	30·2	30·8	29·3	29·3	28·3	28·3	27·9	27·9	26·9	26·9	25·7	25·7	24·2	24·2	21·9	21·9	20·9	21·1	20·7	20·7	30·0	30·0	9
10	21·9	21·9	22·4	22·4	21·2	21·2	20·5	20·5	20·7	20·7	20·2	20·2	20·0	20·1	19·4	19·4	19·0	19·0	19·3	19·4	20·3	20·3	20·8	20·9	20·7	20·7	10
11	25·7	25·6	25·9	25·9	26·2	26·3	26·6	26·6	26·2	26·2	26·0	25·8	25·8	25·7	25·8	25·8	25·8	25·8	26·0	26·0	26·0	26·0	26·0	25·9	24·6	24·6	11
12	25·3	25·3	25·7	25·6	25·7	25·6	25·7	25·6	25·3	25·2	24·9	24·8	24·6	24·5	24·4	24·4	24·2	24·1	23·4	23·4	23·4	23·5	24·1	24·1	24·4	24·3	12
13	28·6	28·6	29·3	29·3	30·5	30·5	31·1	31·1	31·8	31·8	32·1	31·9	33·7	32·2	35·4	35·1	35·9	35·9	35·9	36·0	36·0	36·0	36·1	36·2	30·1	30·0	13
14	30·7	30·7	30·8	30·8	31·0	31·0	30·9	30·9	31·0	31·0	30·7	30·7	31·9	27·9	36·0	34·7	38·2	38·2	36·5	36·5	34·5	34·5	35·3	35·3	32·6	32·4	14
15	37·6	37·6	35·5	35·5	35·1	35·1	33·2	33·2	32·1	32·1	30·0	30·9	29·7	29·6	29·8	29·8	29·2	29·2	29·1	29·1	29·6	29·6	29·2	29·2	35·2	35·2	15
16	39·8	39·8	39·9	39·9	40·8	40·8	40·2	40·2	40·1	40·1	40·6	40·6	40·1	40·1	40·0	40·0	37·9	37·9	37·4	37·4	35·5	35·5	34·8	34·8	38·0	37·5	16
17	39·7	39·7	40·2	40·2	40·2	40·2	40·2	40·2	39·9	39·9	39·7	39·7	39·1	39·1	38·8	38·8	37·6	37·6	37·9	37·9	37·7	37·7	38·0	38·0	38·5	38·5	17
18	38·3	38·3	38·9	38·9	38·9	38·9	39·2	39·2	38·5	38·5	38·7	38·7	39·0	39·0	39·7	39·7	39·9	39·9	40·0	40·0	40·1	40·1	39·5	39·5	38·6	38·6	18
19	31·7	31·7	31·9	31·9	31·9	31·9	31·9	31·9	31·7	31·7	31·8	31·8	31·8	31·8	31·9	31·9	31·9	31·9	32·0	32·0	32·0	32·0	32·2	32·0	31·5	31·5	19
20	37·9	37·9	37·6	37·6	35·2	35·2	37·8	37·9	38·0	38·0	38·7	38·7	39·1	39·1	39·5	39·5	39·7	39·7	39·7	39·7	39·8	39·8	40·0	40·0	35·7	35·6	20
21	35·1	35·1	34·9	34·9	34·8	34·8	34·6	34·6	34·3	34·3	34·7	34·7	34·1	34·1	34·2	34·2	34·1	34·1	34·6	34·6	35·0	35·0	35·2	35·2	35·8	35·8	21
22	34·7	34·7	34·8	34·8	34·7	34·7	34·8	34·8	34·0	34·0	33·9	33·9	34·8	34·8	34·8	34·8	34·8	34·8	34·4	34·4	33·9	33·9	33·7	33·7	35·0	35·0	22
23	33·0	33·0	33·8	33·8	33·9	33·9	34·2	34·2	34·7	34·7	34·7	34·7	34·9	34·9	35·0	35·0	35·4	35·4	35·8	35·8	35·8	35·8	36·1	36·1	33·7	33·7	23
24	30·0	29·8	30·9	29·9	29·9	29·9	30·1	28·1	31·0	24·3	28·1	27·7	28·7	28·7	29·0	29·0	29·1	29·1	29·9	29·9	29·8	29·8	29·7	29·7	31·7	31·4	24
25	39·9	39·9	40·1	40·1	40·1	40·1	39·9	39·9	39·2	39·2	39·5	39·5	39·7	39·7	40·6	40·6	40·7	40·7	40·6	40·6	38·7	38·7	36·6	36·6	36·5	36·4	25
26	23·6	23·5	22·3	22·3	22·8	22·7	23·0	22·9	23·4	23·4	23·3	23·3	23·7	23·7	23·9	23·8	24·4	24·1	22·5	22·6	22·4	22·3	22·0	22·0	24·6	24·6	26
27	23·6	23·6	23·6	23·6	23·6	23·6	23·9	23·8	23·7	23·7	24·6	24·4	25·7	25·5	27·9	27·9	31·1	31·1	31·9	31·9	34·1	32·1	33·4	33·1	24·5	24·4	27
28	19·8	19·8	20·0	20·0	20·8	20·8	19·2	19·5	19·1	19·2	19·0	19·0	17·9	18·1	17·9	18·0	19·0	19·0	19·9	19·9	20·2	20·3	21·3	21·3	23·7	23·7	28
29	24·8	24·4	25·1	25·1	25·1	25·1	25·9	25·8	25·6	25·5	25·3	25·4	26·0	26·0	26·0	26·0	26·8	26·8	27·5	27·5	28·8	28·8	28·9	28·9	24·4	24·3	29
30	33·9	33·2	35·0	35·0	35·8	35·8	35·8	35·9	38·7	38·7	40·2	40·2	39·9	39·9	40·0	40·0	40·2	40·2	41·1	41·1	41·1	41·1	40·8	40·8	34·7	34·7	30
31	32·1	32·1	33·7	33·7	33·3	33·3	33·1	33·1	32·5	32·5	32·6	31·5	32·1	31·9	35·1	35·1	36·2	36·2	34·8	34·8	34·0	34·0	34·2	34·2	36·8	36·8	31
Means.	33·3	32·6	33·3	32·6	33·1	32·6	33·0	32·5	32·8	32·0	32·6	32·0	32·6	31·8	32·9	32·1	33·1	32·3	32·9	32·3	32·8	32·1	32·8	32·1	32·8	32·0	Means.

NOVEMBER 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	34·8	34·8	34·0	34·0	34·1	34·1	33·9	33·9	32·9	32·9	32·9	32·9	33·0	33·0	34·1	34·1	34·7	34·7	34·2	34·2	33·9	33·9	33·6	33·6	1
2	29·0	29·0	29·8	29·8	30·8	30·8	29·4	29·4	28·0	28·0	26·8	26·7	26·2	26·0	25·8	25·7	26·0	25·8	25·1	25·1	26·4	26·4	26·5	26·5	2
3	24·1	24·1	25·0	25·0	24·8	24·8	24·8	24·8	24·5	24·5	23·9	23·9	23·8	23·8	23·2	23·2	23·5	23·5	23·4	23·4	23·8	23·8	24·7	24·7	3
4	28·1	28·1	28·7	28·7	28·1	28·1	28·1	28·1	27·8	27·8	28·0	28·0	27·4	27·4	26·7	26·7	26·6	26·6	26·4	26·4	26·5	26·5	28·2	28·2	4
5	31·8	31·7	31·9	31·9	31·9	31·9	31·8	31·8	31·6	31·6	31·7	31·7	31·9	31·9	31·9	31·9	32·0	32·0	32·0	32·0	32·7	32·0	32·7	32·1	5
6	26·9	26·9	27·2	27·2	26·9	26·9	26·7	26·7	26·8	26·8	26·8	26·7	26·2	26·2	26·3	26·3	26·1	26·1	26·7	26·7	26·6	26·6	26·8	26·8	6
7	25·2	25·2	25·6	25·7	25·9	25·9	25·0	25·0	28·4	28·4	30·4	30·4	31·9	31·9	33·7	32·7	36·3	36·3	36·9	36·9	36·8	36·8	34·3	34·3	7
8	22·1	22·1	24·1	24·0	25·0	25·0	26·1	26·1	27·8	27·8	27·3	27·3	27·2	27·2	27·7	27·7	30·2	30·2	31·5	31·5	31·8	31·8	31·9	31·9	8
9	36·5	36·5	36·3	36·3	36·9	36·9	37·2	37·2	36·9	36·9	35·0	35·0	33·2	33·2	30·4	30·8	29·9	29·9	28·9	28·9	29·9	29·9	29·2	29·2	9
10	26·3	26·3	27·0	27·0	26·2	26·2	26·6	26·6	26·1	25·9	27·1	27·1	27·8	27·8	28·6	28·6	28·9	28·9	29·9	29·9	30·1	30·1	30·8	30·8	10
11	34·8	34·8	35·2	35·1	34·9	34·9	35·2	35·2	35·0	35·0	35·1	35·1	35·4	35·4	35·9	35·9	36·2	36·2	36·6	36·6	36·5	36·5	36·9	36·9	11
12	35·9	35·9	35·9	35·9	35·6	35·6	35·1	35·1	35·3	35·3	35·1	35·1	35·0	35·0	35·5	35·5	35·9	35·9	36·0	36·0	36·2	36·2	36·2	36·2	12
13	28·9	29·0	28·9	28·9	28·1	28·1	28·0	28·0	27·3	27·3	26·4	26·4	26·6	26·6	26·0	26·0	26·0	26·0	26·9	26·9	27·9	27·9	28·0	28·0	13
14	23·7	23·6	27·3	25·6	27·1	24·8	25·2	23·7	25·9	23·8	25·2	22·8	25·8	22·0	25·8	22·4	27·1	24·0	27·0	25·7	29·7	26·6	30·1	26·1	14
15	24·9	24·9	24·1	24·1	24·2	24·2	23·1	23·1	22·8	22·5	22·2	21·6	21·8	20·8	20·7	20·5	20·9	21·0	22·2	21·6	22·0	21·9	22·8	22·7	15
16	22·1	22·0	22·9	22·8	23·6	23·6	23·8	23·7	23·8	23·8	24·0	24·0	24·0	24·0	24·1	24·1	24·3	24·1	25·0	25·0	25·3	25·3	25·7	25·7	16
17	25·0	25·0	25·0	25·0	25·2	25·2	25·7	25·7	26·7	26·7	26·8	26·8	27·1	27·1	26·9	26·9	26·9	26·9	27·7	27·7	27·2	26·9	26·7	26·7	17
18	23·9	23·9	22·6	22·6	21·3	21·3	21·5	21·5	21·4	21·4	21·0	21·0	20·8	20·8	21·0	21·0	20·7	20·7	21·0	21·0	21·0	21·0	21·0	21·0	18
19	23·2	23·2	23·8	23·8	24·0	24·0	24·1	24·0	24·1	24·1	24·3	24·3	24·3	24·3	24·8	24·8	24·9	24·9	25·3	25·3	25·9	25·9	25·7	25·7	19
20	27·0	27·0	28·0	28·0	29·2	29·2	30·5	30·5	30·8	30·8	27·7	27·7	27·0	27·0	26·7	26·7	26·2	26·2	26·0	26·0	24·1	24·1	23·8	23·8	20
21	23·5	23·5	24·0	24·0	24·7	24·8	24·8	24·8	24·2	24·2	23·8	23·8	23·8	23·8	22·7	22·7	22·2	22·3	22·7	22·6	22·7	22·8	22·0	22·1	21
22	23·0	23·0	23·5	23·4	23·8	23·8	23·7	23·8	24·0	24·0	24·9	24·9	25·8	25·7	25·9	25·9	26·1	26·1	26·4	26·3	26·0	26·0	26·5	26·5	22
23	23·4	23·3	22·7	22·6	21·0	21·0	20·2	20·1	19·9	19·9	19·5	19·4	19·9	17·8	19·9	17·0	18·1	17·2	19·9	17·9	23·6	22·0	26·2	25·1	23
24	18·9	18·8	18·8	18·8	18·8	18·8	18·6	18·6	18·6	18·6	17·9	17·9	18·6	18·3	18·9	18·8	19·5	19·2	21·0	21·0	22·2	22·2	23·8	23·8	24
25	25·7	25·8	26·0	26·0	25·8	25·8	25·8	25·8	26·1	26·1	26·9	26·9	26·6	26·6	26·0	26·0	26·1	26·1	26·1	26·1	26·2	26·2	26·1	26·1	25
26	26·9	26·9	26·8	26·8	25·1	25·0	25·0	25·0	25·3	25·3	25·0	25·0	26·1	26·1	26·1	26·1	26·9	26·9	27·7	27·7	27·1	27·1	26·9	26·9	26
27	32·0	32·0	32·1	32·0	32·1	32·0	31·9	31·9	31·9	31·9	31·9	31·9	32·0	32·0	32·0	32·0	32·3	32·2	33·0	33·0	32·6	32·6	32·6	32·6	27
28	24·3	24·3	24·1	24·1	24·0	24·0	23·3	23·3	23·8	23·7	23·3	23·2	23·4	23·3	23·1	23·0	23·0	22·9	21·7	21·6	21·1	21·0	20·9	20·9	28
29	18·0	18·0	16·7	16·7	16·1	16·0	15·0	15·0	15·2	15·2	15·5	15·5	15·3	15·3	14·6	14·6	15·2	15·0	16·0	16·0	16·5	16·5	15·7	15·7	29
30	13·3	13·2	14·4	14·2	14·9	14·8	14·7	14·3	14·7	14·3	14·8	14·7	16·3	16·3	16·0	16·0	16·0	16·0	16·2	16·2	16·6	16·6	16·3	16·3	30
31																									31
Means.	26·1	26·1	26·4	26·3	26·3	26·2	26·2	26·1	26·3	26·2	26·0	25·9	26·1	25·9	26·0	25·8	26·3	26·1	26·6	26·5	27·0	26·8	27·1	26·9	Means.

NOVEMBER 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	34·2	34·2	33·1	33·1	32·3	32·3	32·0	32·0	31·3	31·9	30·2	30·2	29·6	29·6	29·7	29·7	29·1	29·1	29·0	29·0	28·8	28·8	29·9	29·9	32·3	32·3	1
2	26·1	26·1	25·9	25·9	25·2	25·2	24·8	24·8	24·6	24·6	23·8	23·8	23·7	23·7	23·7	23·7	23·7	23·6	23·5	23·5	23·8	23·8	23·8	23·7	25·9	25·9	2
3	24·2	24·2	25·3	25·3	23·3	23·4	23·2	23·3	23·3	23·3	23·1	23·1	24·8	24·8	25·7	25·7	25·9	25·9	26·4	26·4	26·8	26·8	27·0	27·1	24·5	24·5	3
4	28·9	28·9	29·1	29·1	32·1	32·1	31·9	31·9	31·9	31·9	32·0	32·0	31·9	31·9	32·1	32·1	31·9	31·9	31·6	31·6	31·1	31·1	31·1	31·1	29·4	29·4	4
5	32·5	32·1	32·2	32·2	32·0	32·0	31·9	31·7	29·9	29·9	29·7	29·7	28·7	28·7	28·7	28·7	28·1	28·0	27·7	27·7	27·8	27·8	27·0	27·0	30·8	30·8	5
6	27·3	27·3	27·0	27·0	27·0	27·1	26·6	26·6	25·9	25·9	25·6	25·6	25·7	25·7	26·1	26·1	26·2	26·2	26·1	26·1	26·4	26·4	25·8	25·8	26·5	26·5	6
7	33·6	33·6	32·6	32·6	25·6	25·6	25·0	25·0	25·2	25·2	23·7	23·7	22·4	22·4	22·7	22·7	22·0	22·0	21·7	21·7	22·0	22·0	20·8	20·8	27·8	27·8	7
8	31·9	31·9	32·0	32·0	33·3	32·8	34·9	34·9	35·1	35·1	35·8	35·8	36·0	36·0	36·2	36·2	36·2	36·2	36·0	36·0	36·2	36·2	36·2	36·2	31·4	31·3	8
9	29·1	29·1	29·2	29·2	28·9	28·9	29·4	29·5	29·5	29·5	28·2	28·2	28·0	28·0	27·7	27·7	27·8	27·8	27·9	27·9	26·1	26·1	26·6	26·6	30·8	30·8	9
10	30·8	30·8	31·3	31·3	29·3	29·4	28·6	28·6	28·0	28·0	27·4	27·4	27·7	27·0	28·1	26·4	28·2	27·8	30·7	30·5	32·0	32·0	33·9	33·8	28·8	28·7	10
11	37·0	37·0	37·1	37·1	36·9	36·9	36·9	36·9	36·6	36·6	36·7	36·7	36·6	36·6	36·5	36·5	36·7	36·7	36·8	36·8	36·5	36·5	36·3	36·4	36·2	36·2	11
12	36·7	36·7	36·0	36·0	34·2	34·2	31·9	32·0	31·8	31·9	32·0	32·0	32·0	32·0	32·0	32·0	31·8	31·9	31·7	31·7	29·9	29·9	29·0	29·0	34·0	34·0	12
13	27·9	27·9	27·0	27·0	26·8	26·8	26·5	26·5	26·2	26·2	26·1	26·1	26·1	26·1	26·2	25·8	26·2	25·8	26·0	25·5	25·0	24·6	25·3	25·0	26·8	26·8	13
14	30·0	27·1	29·0	26·0	28·8	26·8	29·4	26·6	27·9	27·1	26·6	26·6	26·7	26·7	26·9	26·9	27·1	27·1	27·1	27·1	26·4	26·4	25·9	25·9	27·2	25·5	14
15	22·3	22·3	23·2	23·2	21·9	21·9	21·3	21·6	21·2	21·2	21·1	21·1	21·0	20·9	20·7	20·7	20·2	20·2	20·2	20·1	19·9	19·8	20·5	20·7	21·9	21·8	15
16	25·2	25·2	25·0	25·0	25·8	25·8	25·9	25·9	25·9	25·9	24·7	24·7	24·0	23·8	22·5	22·5	22·9	22·9	23·2	23·2	24·2	24·3	24·3	24·3	24·3	24·2	16
17	26·5	26·5	25·7	25·7	24·6	24·6	25·9	25·9	26·4	26·4	26·6	26·6	26·1	26·1	25·7	25·7	25·2	25·2	25·2	25·2	24·7	24·7	24·1	24·1	26·0	26·0	17
18	21·2	21·2	21·3	21·3	21·1	21·1	21·0	21·0	21·4	21·4	21·6	21·6	21·6	21·6	21·5	21·5	21·8	21·8	22·5	22·4	22·6	22·6	24·3	24·3	21·6	21·6	18
19	25·8	25·8	26·1	26·1	25·9	25·9	26·0	25·8	25·8	25·8	26·1	26·1	25·9	25·9	26·0	26·0	26·1	26·0	26·2	26·2	26·4	26·5	26·0	26·0	25·3	25·3	19
20	23·9	23·9	22·9	22·9	22·8	22·8	22·2	22·1	21·3	21·3	21·0	21·0	20·9	20·8	21·1	20·9	21·0	20·9	21·7	21·5	22·5	22·5	23·0	23·0	24·6	24·6	20
21	22·3	22·3	21·9	21·9	21·9	21·7	21·9	21·7	22·0	21·7	21·8	21·7	21·8	21·8	21·9	21·8	21·9	21·9	22·0	22·0	22·8	22·8	22·9	22·9	22·8	22·7	21
22	27·0	27·0	27·0	27·0	27·4	27·4	27·3	27·2	27·1	27·1	27·0	27·0	26·5	26·5	26·1	26·1	25·9	25·9	25·2	25·2	24·6	24·6	24·0	24·0	25·6	25·6	22
23	20·3	19·6	18·2	17·0	16·8	16·9	17·9	17·9	17·9	17·9	18·0	18·0	18·2	18·2	18·8	18·8	18·9	18·9	19·1	19·1	18·9	18·9	18·9	18·9	19·8	19·3	23
24	24·1	24·1	24·1	24·1	24·5	24·4	24·1	24·1	24·1	24·1	24·5	24·5	24·9	24·9	25·1	25·1	25·2	25·2	25·4	25·4	25·0	25·0	25·3	25·3	22·2	22·1	24
25	26·0	26·0	25·7	25·7	25·9	25·9	24·2	24·2	23·5	23·4	24·0	24·0	24·1	24·1	23·9	24·0	24·6	24·6	24·7	24·7	24·9	25·0	25·9	25·9	25·4	25·5	25
26	27·5	27·5	28·2	28·2	29·2	29·2	30·8	30·8	30·2	30·2	30·0	30·0	29·6	29·6	29·8	29·8	30·9	30·8	31·1	31·1	30·8	30·8	31·3	31·3	28·1	28·1	26
27	31·4	31·8	30·3	31·3	29·0	29·0	28·2	28·2	26·9	26·9	26·6	26·6	25·2	25·2	25·5	25·5	25·6	25·6	25·3	25·3	25·3	25·3	24·6	24·6	29·6	29·6	27
28	19·3	19·3	19·0	19·0	18·9	18·9	18·2	18·3	17·6	17·6	17·9	17·9	18·0	18·0	18·0	18·0	18·0	18·0	17·9	17·9	18·0	18·0	17·2	17·2	20·6	20·6	28
29	16·1	16·0	16·2	16·2	16·7	16·7	15·2	15·1	14·1	14·1	13·6	13·6	14·3	14·3	14·2	13·8	13·9	13·7	14·1	13·8	14·0	14·0	14·1	14·0	15·3	15·2	29
30	16·1	16·1	16·0	16·0	16·2	16·2	16·4	16·4	16·8	16·8	17·1	17·1	16·9	16·9	17·0	17·0	17·2	17·2	17·3	17·3	17·0	17·0	17·0	16·9	16·0	16·0	30
31																											31
Means.	26·8	26·7	26·6	26·5	26·1	26·1	26·0	25·9	25·6	25·6	25·4	25·4	25·3	25·3	25·3	25·2	25·3	25·3	25·4	25·4	25·3	25·3	25·4	25·4	26·0	26·0	Means.

DECEMBER 1884.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	17·2	17·2	17·2	17·2	17·7	17·7	17·9	17·9	17·7	17·8	18·2	18·2	19·1	19·1	19·1	19·1	19·3	19·3	19·4	19·4	19·6	19·6	19·9	19·9	1
2	23·7	23·7	24·7	24·6	25·0	25·0	25·4	25·4	25·7	25·7	25·3	25·3	26·0	26·0	27·4	27·4	28·1	28·1	28·2	28·2	29·0	29·0	28·0	28·0	2
3	23·4	23·3	23·5	23·4	23·9	23·9	24·1	24·0	24·1	24·1	24·2	24·2	24·9	24·7	25·9	25·5	26·4	26·3	31·8	31·4	32·0	31·9	32·0	32·0	3
4	22·4	22·4	22·2	22·2	22·0	22·0	21·7	21·8	21·0	21·0	22·0	22·0	22·0	22·0	22·0	22·0	21·1	21·1	21·7	21·7	21·2	21·2	20·3	19·7	4
5	20·2	20·2	21·2	21·2	21·8	21·8	22·6	22·6	24·1	24·0	24·0	24·0	21·9	21·9	21·8	21·8	21·7	21·7	22·1	22·1	22·3	22·3	21·8	21·8	5
6	31·7	31·9	31·2	31·2	30·4	30·4	29·1	29·2	29·3	29·5	27·6	27·6	27·1	27·1	27·6	27·6	27·5	27·4	28·7	28·7	28·8	28·8	28·2	28·1	6
7	25·9	25·9	25·8	25·8	25·2	25·5	25·3	25·3	24·0	24·0	24·0	24·0	24·9	24·9	26·0	25·9	25·7	25·7	25·7	25·7	26·1	26·1	28·1	28·1	7
8	24·0	24·0	23·8	23·8	23·0	23·0	22·6	22·7	22·8	22·8	23·0	23·0	23·7	23·7	24·0	24·0	24·2	24·2	24·0	24·1	24·2	24·2	23·9	23·9	8
9	22·4	22·6	22·3	22·3	21·0	21·0	21·7	21·7	21·6	21·6	20·9	20·9	20·9	20·9	20·4	20·4	20·8	20·8	21·2	21·2	21·9	21·9	22·0	22·0	9
10	24·4	24·5	25·0	25·0	26·2	26·1	27·2	27·0	27·9	27·9	28·2	28·2	28·3	28·3	28·7	28·8	29·5	29·5	30·0	29·9	29·9	29·8	30·5	30·5	10
11	30·2	30·2	30·2	30·2	30·6	30·6	29·9	29·8	29·8	29·8	29·8	29·8	29·8	29·7	30·0	29·9	29·5	29·5	29·0	29·0	29·0	29·0	30·6	30·1	11
12	25·9	25·8	25·0	25·0	24·9	24·9	23·8	23·9	24·3	24·3	24·8	24·8	25·2	25·2	26·2	26·2	27·1	27·0	27·8	27·8	28·0	27·9	29·2	29·0	12
13	30·2	30·2	30·7	30·7	31·3	31·5	31·7	31·8	31·7	31·8	31·7	31·7	31·3	31·3	31·1	31·1	31·0	29·9	31·9	31·8	31·7	31·8	29·6	29·6	13
14	35·6	35·7	36·9	36·9	37·0	37·1	37·0	37·0	36·6	36·6	36·6	36·6	32·2	32·5	28·9	28·9	26·5	26·5	26·8	26·8	26·0	26·0	24·7	24·7	14
15	21·0	20·9	20·4	20·4	20·2	20·2	20·8	20·8	20·8	20·8	20·8	20·8	20·3	20·3	21·1	21·1	20·1	20·1	20·4	20·4	20·0	20·0	20·8	20·8	15
16	18·8	18·9	19·1	19·2	19·5	19·7	19·9	19·9	20·0	19·9	20·5	20·5	20·6	20·6	20·4	20·4	20·8	20·8	21·2	21·2	20·8	20·9	20·3	20·6	16
17	18·8	18·8	18·1	18·3	18·0	18·1	18·0	18·0	17·9	17·8	17·0	17·1	16·9	17·0	16·9	16·9	16·8	16·8	17·2	17·4	17·9	17·9	18·5	18·5	17
18	19·1	19·1	19·0	19·0	19·0	19·0	19·4	19·5	19·9	19·9	19·9	19·9	21·9	21·9	22·8	22·8	23·8	23·8	25·1	25·0	25·9	25·8	26·1	26·1	18
19	22·2	22·2	22·6	22·6	23·0	22·9	23·3	23·3	23·7	23·7	23·6	23·6	23·8	23·8	24·1	24·1	24·7	24·7	24·9	24·9	25·0	24·9	25·5	25·5	19
20	21·4	21·6	21·0	21·2	21·0	21·0	21·3	21·4	21·2	21·3	21·5	21·5	21·8	21·8	22·1	22·1	22·1	22·1	22·3	22·3	22·7	22·7	22·6	22·6	20
21	19·0	19·0	18·8	18·9	19·0	19·0	19·0	19·0	18·6	18·6	18·8	18·8	19·1	19·1	19·3	19·3	19·2	19·2	19·3	19·3	19·3	19·3	19·1	19·2	21
22	24·2	19·6	24·0	19·3	22·1	18·9	22·9	19·0	23·2	20·1	22·9	19·1	23·1	20·1	23·8	20·8	24·1	21·1	24·8	20·9	22·7	19·5	22·8	19·9	22
23	20·9	20·9	20·9	20·7	20·8	20·8	21·0	21·0	21·1	21·1	21·1	21·1	21·1	21·1	20·9	20·9	20·7	20·7	20·3	20·3	20·9	20·9	20·9	20·9	23
24	28·8	28·8	27·0	27·0	27·0	27·0	27·0	27·0	27·0	27·0	26·0	26·0	23·8	23·8	23·4	23·3	23·3	23·3	24·1	24·1	24·7	24·7	25·0	25·0	24
25	22·0	22·0	22·2	22·2	22·2	22·2	22·6	22·6	22·4	22·4	22·4	22·4	22·2	22·2	22·6	22·6	22·0	22·0	22·2	22·2	21·8	21·8	23·6	22·5	25
26	31·9	31·9	27·4	27·7	29·2	29·0	28·1	28·0	28·6	28·6	29·0	29·0	29·6	29·6	31·8	31·8	32·2	32·0	32·1	32·0	31·1	31·1	31·0	31·0	26
27	27·9	27·9	27·9	27·9	27·9	27·9	28·0	28·0	28·8	28·8	28·5	28·5	28·7	28·7	28·7	28·7	28·6	28·6	28·7	28·7	28·5	28·5	29·4	29·4	27
28	26·2	26·3	26·0	26·0	26·0	26·0	26·0	26·0	25·9	25·9	25·8	25·8	25·6	25·6	25·4	25·4	25·0	25·0	23·0	23·0	23·0	22·8	24·4	24·3	28
29	24·4	22·2	23·2	21·2	24·0	21·2	22·8	20·1	23·4	20·8	21·0	20·1	20·0	20·0	20·2	20·3	20·9	20·9	21·6	21·6	22·0	22·0	22·0	22·0	29
30	19·1	19·0	18·8	18·8	18·1	18·1	18·1	18·1	18·1	18·1	17·9	17·9	17·9	17·8	17·8	17·7	18·9	18·9	21·9	21·8	25·0	25·0	25·3	25·3	30
31	21·0	21·0	20·0	20·1	21·1	21·1	22·9	22·9	23·9	23·9	23·1	23·1	24·5	24·4	25·2	25·2	25·5	25·5	25·3	25·3	26·1	26·1	26·4	26·4	31
Means.	24·0	23·8	23·7	23·5	23·8	23·6	23·9	23·7	24·0	23·9	23·9	23·7	23·8	23·7	24·1	23·9	24·1	24·0	24·6	24·5	24·7	24·6	24·9	24·8	Means.

DECEMBER 1884.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	19·8	19·8	19·3	19·3	19·0	19·0	18·7	18·7	19·4	19·4	19·9	19·9	20·8	20·8	20·9	20·9	21·4	21·5	22·1	22·1	22·1	22·1	23·0	23·0	19·5	19·5	1
2	26·6	26·7	25·2	25·2	24·8	24·8	23·8	23·8	23·2	23·2	23 3	23·3	23·2	23·2	23·2	23·2	23·7	23·7	23·3	23·3	23·4	23·4	23·3	23·3	25·1	25·1	2
3	28·0	28·0	24·7	24·8	25·2	25·2	25·0	25·0	25·1	25·1	25·0	25·0	24·7	24·7	24·1	24·1	23·8	23·8	23·4	23·4	23·0	23·0	23·2	23·2	25·5	25·4	3
4	20·1	19·1	21·1	20·1	21·3	21·4	22·4	22·4	22·6	22·6	22·8	22·8	22·7	22·7	21·5	21·6	20·3	20·4	20·0	19·9	19·7	19·7	20·1	20·0	21·4	21·3	4
5	22·1	22·1	23·0	23·0	23·3	23·3	24·6	24·8	23·3	23·6	23·8	23·6	24·9	24·9	26·9	26·9	29·7	29·7	31·2	31·2	32·0	32·0	32·0	32·0	24·3	24·3	5
6	28·1	28·1	27·9	27·9	28·7	28·6	28·4	28·3	26·9	26·8	26·8	26·8	25·8	25·9	26·8	26·8	26·9	26·8	26·8	26·8	26·6	26·7	25·7	25·8	28·0	28·0	6
7	28·0	28·0	27·9	27·9	27·4	27·6	25·8	25·9	25·6	25·7	25·0	25·0	25·2	25·2	24·8	24·8	24·5	24·6	24·8	24·8	24·5	24·7	24·1	24·1	25·6	25·6	7
8	24·2	24·3	24·1	24·1	24·0	24·1	24·0	24·0	24·1	24·2	23·9	23·9	23·6	23·6	23·7	23·7	23·0	23·1	23·0	23·0	22·7	22·7	22·7	22·7	23·6	23·6	8
9	22·7	22·7	23·0	23·0	23·1	23·1	23·0	23·0	23·0	23·0	23·0	23·0	22·9	22·9	22·5	22·6	22·8	22·8	23·0	23·0	23·7	23·7	24·1	24·1	22·2	22·3	9
10	31·3	31·0	31·7	31·6	32·0	31·9	31·8	31·8	31·8	31·8	31·6	31·8	30·3	30·7	30·1	30·0	30·1	30·0	31·2	31·2	30·7	30·7	30·3	30·3	29·5	29·5	10
11	31·1	30·8	31·0	31·0	30·4	30·4	29·6	29·6	28·9	28·8	29·0	28·9	28·3	28·3	28·0	28·0	27·9	27·9	26·2	26·5	25·9	25·9	26·2	26·2	29·2	29·2	11
12	31·3	30·9	32·0	31·8	32·0	31·9	33·8	32·9	35·9	35·9	35·4	35·4	31·7	32·1	31·8	31·8	30·6	30·6	29·9	29·8	30·3	30·3	29·7	29·8	29·0	29·0	12
13	29·6	29·6	29·8	29·8	28·1	28·2	27·8	27·8	28·8	28·8	29·0	29·0	28·9	28·9	28·6	28·6	28·4	28·4	29·8	29·8	31·8	31·8	32·0	32·0	30·3	30·2	13
14	25·0	25·0	23·5	23·5	23·1	23·1	22·8	22·9	22·4	22·6	22·3	22·3	21·6	21·6	21·6	21·7	21·6	21·6	21·3	21·3	21·2	21·2	21·9	21·9	27·2	27·2	14
15	20·2	20·4	20·8	20·8	20·8	20·8	19·6	19·7	19·8	19·8	19·9	19·9	19·6	19·7	19·4	19·4	18·5	18·7	19·0	19·1	18·8	18·8	19·8	19·8	20·1	20·1	15
16	20·2	20·6	20·2	20·2	20·0	20·0	20·0	20·1	20·0	20·2	20·1	20·1	20·0	20·0	19·9	19·9	19·7	19·9	19·3	19·7	18·9	18·9	18·8	18·9	20·0	20·0	16
17	19·5	19·5	19·9	19·9	19·9	19·9	19·9	19·9	20·0	20·0	19·8	19·8	18·0	18·0	18·4	18·7	18·9	18·9	19·3	19·7	19·8	19·9	19·2	19·7	18·5	18·6	17
18	25·5	25·8	24·8	24·9	24·1	24·1	23·2	23·2	22·9	22·9	22·3	22·6	22·3	22·4	22·1	22·1	22·0	22·1	22·2	22·2	22·2	22·2	22·0	22·0	22·4	22·4	18
19	25·6	25·6	25·7	25·7	24·9	24·9	24·9	24·9	24·9	24·9	24·8	24·8	24·3	24·3	24·0	24·0	23·7	23·9	22·9	23·0	22·0	22·4	21·7	21·9	24·0	24·0	19
20	22·3	22·3	22·9	22·9	23·8	23·7	23·8	23·6	21·9	21·9	21·1	21·1	20·6	20·6	20·9	20·9	20·8	20·7	19·6	19·6	19·5	19·5	18·9	19·0	21·5	21·6	20
21	18·9	18·7	19·1	19·1	18·5	18·5	18·9	18·7	19·8	18·3	21·8	18·7	21·8	18·8	23·0	19·3	23·0	19·1	23·9	19·9	24·0	20·0	23·3	19·3	20·2	19·0	21
22	22·4	19·1	21·5	18·8	21·2	18·3	19·7	18·4	18·8	18·5	20·0	18·3	21·0	18·2	19·4	18·8	19·4	18·4	19·0	18·7	20·0	20·0	20·2	20·2	21·8	19·3	22
23	20·7	20·7	20·6	20·6	20·8	20·9	21·0	21·0	21·2	21·2	20·7	20·7	20·4	20·4	20·9	20·9	20·4	20·4	20·9	20·8	27·0	26·3	30·6	30·5	21·5	21·4	23
24	24·6	24·6	24·2	24·2	23·8	23·8	23·0	23·0	22·8	22·8	22·1	22·1	22·0	22·0	22·2	22·1	22·1	22·1	21·5	21·5	21·8	21·8	22·1	22·1	24·1	24·1	24
25	24·8	23·9	25·2	25·0	25·3	25·2	24·5	24·5	27·0	27·0	27·5	27·4	29·2	29·0	28·5	28·5	29·6	29·1	30·0	29·3	31·0	30·8	31·0	31·0	25·1	24·9	25
26	30·4	30·4	30·6	30·6	30·1	30·1	29·0	29·0	29·1	29·1	28·0	28·0	28·3	28·3	27·6	27·6	27·6	27·6	27·9	27·9	28·2	28·2	27·1	27·1	29·4	29·4	26
27	28·4	28·4	27·8	27·8	27·0	27·0	27·0	27·0	26·2	26·2	28·1	28·1	27·0	27·1	27·7	27·7	27·9	27·9	27·7	27·7	26·8	26·8	25·9	26·0	27·9	27·9	27
28	25·4	25·2	25·7	23·2	27·0	26·1	27·5	26·5	27·4	26·2	26·0	25·0	25·2	24·4	25·9	24·3	26·0	24·4	24·8	24·1	24·9	23·0	23·5	22·1	25·5	24·9	28
29	21·9	21·9	21·3	21·3	21·0	21·0	20·9	20·9	20·6	20·6	20·1	20·1	19·9	19·9	19·8	19·8	19·0	19·0	19·8	19·8	19·9	19·9	19·5	19·5	21·2	20·7	29
30	25·6	25·6	25·0	25·1	24·0	24·1	22·1	22·1	22·1	22·1	22·8	22·8	22·1	22·1	20·0	20·0	21·7	21·6	21·0	21·0	21·0	21·0	20·6	20·6	21·0	21·0	30
31	27·0	27·0	27·1	27·1	27·2	27·2	27·1	27·1	27·4	27·2	27·3	27·3	28·1	28·1	28·2	28·1	27·9	27·9	28·1	28·1	28·1	28·1	28·1	28·1	25·7	25·7	31
Means.	24·9	24·7	24·7	24·5	24·6	24·5	24·3	24·2	24·3	24·2	24·3	24·1	24·0	23·8	23·9	23·8	24·0	23·8	24·0	23·8	24·2	24·0	24·2	24·1	24·2	24·0	Means.

JANUARY 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	28·4	28·4	28·2	28·2	27·9	27·9	27·8	27·8	28·1	28·1	28·3	28·3	28·4	28·4	28·9	28·9	28·3	28·3	27·7	27·7	27·0	27·0	26·8	26·8	1
2	25·9	26·1	25·9	25·9	25·2	25·2	25·2	25·1	22·0	22·0	22·0	22·0	20·4	20·3	22·0	21·8	20·7	20·5	22·1	21·0	19·2	16·9	16·1	16·6	2
3	18·2	18·2	18·0	18·0	19·6	19·6	19·0	19·1	18·5	18·5	21·0	21·0	22·3	22·2	18·0	18·0	20·2	20·2	18·1	18·1	18·1	18·1	18·6	18·5	3
4	22·9	22·9	23·1	23·1	23·0	23·0	22·7	22·7	22·0	22·0	21·9	21·9	22·8	22·8	23·3	23·3	26·0	25·9	27·0	27·0	28·0	27·9	31·0	30·8	4
5	36·0	36·0	35·8	35·8	34·9	34·9	28·8	29·0	25·1	25·1	25·1	25·1	25·0	25·0	24·5	24·5	23·8	23·8	23·7	23·7	23·2	23·2	23·2	23·2	5
6	22·9	22·9	23·3	23·3	23·7	23·7	23·5	23·5	23·4	23·4	22·5	22·5	22·5	22·5	21·8	21·8	21·0	21·0	20·8	20·8	18·7	18·7	17·3	17·3	6
7	21·2	21·2	21·5	21·5	21·7	21·7	21·9	21·9	22·4	22·4	22·6	22·5	22·9	22·9	23·7	23·7	24·5	24·5	25·1	25·1	25·6	25·6	26·0	26·0	7
8	27·9	27·9	27·9	27·9	28·0	28·0	28·0	28·0	27·1	27·1	27·1	27·1	25·2	25·0	23·8	23·8	22·2	22·2	22·0	22·0	21·8	21·8	21·9	21·9	8
9	20·1	20·1	20·4	20·4	20·1	20·1	20·2	20·2	20·8	20·8	20·5	20·5	20·2	20·2	20·3	20·3	20·5	20·5	21·1	21·1	21·3	21·3	22·0	22·0	9
10	21·8	21·8	22·0	22·0	22·9	22·8	23·2	23·2	23·5	23·5	23·4	23·4	22·9	22·9	25·1	24·9	28·0	27·8	30·2	30·1	29·3	29·3	27·5	27·5	10
11	23·3	23·3	22·8	22·8	22·9	22·9	23·1	23·1	22·7	22·7	22·3	22·3	22·0	22·0	21·9	21·9	20·5	20·5	20·1	20·1	20·5	20·8	20·3	20·5	11
12	15·9	15·9	15·0	15·1	15·3	15·7	15·6	15·7	16·1	16·1	16·3	16·5	16·5	16·7	16·0	16·2	16·0	16·1	16·0	15·8	16·3	16·4	16·2	16·2	12
13	15·0	14·9	14·1	14·0	14·2	14·2	14·6	14·6	14·2	14·2	14·2	14·2	13·7	13·7	13·5	13·5	14·0	14·0	14·2	14·2	15·2	15·2	15·2	15·2	13
14	14·0	14·1	13·7	13·8	13·8	13·8	13·9	13·9	14·0	14·0	13·9	13·9	14·7	14·7	15·8	15·8	15·3	15·3	15·2	15·2	15·2	15·1	15·5	15·2	14
15	18·2	16·9	20·1	16·1	20·3	16·1	20·5	16·2	20·9	16·2	19·8	16·9	18·9	16·5	19·1	15·8	19·5	15·8	21·0	16·8	20·8	16·2	20·0	15·9	15
16	23·1	23·1	23·0	23·0	24·3	23·5	24·2	23·0	23·8	22·7	22·8	21·0	22·9	21·0	21·9	20·2	22·5	20·5	21·9	19·8	25·2	22·0	25·1	22·8	16
17	23·4	22·1	20·2	20·2	21·0	21·0	19·7	19·9	22·9	21·9	21·9	21·9	23·3	22·3	23·9	22·2	20·0	20·0	20·2	20·2	22·4	21·9	21·2	21·2	17
18	23·6	23·7	23·1	23·1	23·0	23·0	22·9	22·9	22·4	22·4	23·0	23·0	23·3	23·3	22·9	22·9	22·5	22·5	22·8	22·8	22·5	22·5	22·1	22·1	18
19	22·4	22·5	22·2	22·2	22·2	22·2	22·1	22·1	21·9	21·9	21·8	21·8	21·1	21·1	21·1	21·1	21·3	21·3	21·5	21·5	21·4	21·4	21·0	21·0	19
20	23·3	21·2	24·3	21·0	23·3	20·2	25·7	21·0	27·1	21·9	28·6	23·1	28·7	23·2	28·0	22·8	29·0	23·9	27·9	23·0	27·6	22·4	28·9	23·1	20
21	30·5	24·3	30·9	25·1	31·8	25·2	29·1	23·0	31·0	25·0	30·4	25·1	30·0	24·8	29·0	24·1	30·0	24·9	30·9	25·1	31·3	26·2	32·2	26·9	21
22	18·1	18·1	18·5	18·6	21·3	21·2	19·2	19·2	24·8	21·6	26·3	22·2	25·6	22·0	28·2	23·2	28·2	24·0	28·2	23·0	26·3	22·2	27·0	22·3	22
23	28·9	25·9	26·8	24·8	28·6	26·8	27·1	25·0	27·9	24·2	29·1	25·1	29·0	24·9	27·9	24·0	29·0	24·8	31·3	26·9	31·6	26·5	30·7	26·3	23
24	22·8	22·8	24·7	22·2	25·0	22·6	20·3	20·1	24·2	24·2	25·0	23·1	24·9	23·7	26·1	25·2	27·2	27·0	23·5	23·3	28·0	27·3	26·0	24·0	24
25	27·6	27·6	27·4	27·4	28·4	28·5	29·9	29·9	28·9	28·9	29·0	29·0	28·9	28·9	28·8	28·8	28·1	28·1	27·5	27·5	25·8	25·8	25·0	25·0	25
26	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·0	32·3	32·0	32·9	32·2	32·9	32·7	26
27	28·9	28·9	28·4	28·4	28·2	28·2	27·9	27·9	28·9	28·9	27·8	27·8	27·8	27·8	27·8	27·8	28·0	28·0	28·4	28·4	28·1	28·1	28·0	28·0	27
28	27·4	27·4	28·0	28·0	27·9	28·0	27·1	27·1	26·8	26·8	25·6	25·6	25·9	25·9	25·5	25·5	25·0	25·0	24·9	24·9	24·7	24·7	26·1	26·1	28
29	24·2	24·2	23·9	24·0	24·2	24·0	27·0	27·0	29·0	29·0	29·2	29·2	30·1	30·2	31·0	31·0	32·0	31·7	32·1	31·8	32·3	32·0	31·4	32·0	29
30	30·0	30·0	30·3	30·3	30·0	30·0	30·8	30·8	31·0	31·0	30·7	30·7	31·1	31·1	31·0	31·0	30·2	30·2	29·8	29·8	29·0	29·0	28·2	28·2	30
31	24·7	24·7	26·0	26·0	25·7	25·7	25·2	25·2	25·1	25·2	25·7	25·7	25·0	25·0	25·8	25·8	26·0	26·0	26·1	26·1	26·4	26·4	27·0	27·0	31
Means.	24·0	23·5	23·9	23·4	24·2	23·6	23·8	23·2	24·1	23·3	24·2	23·4	24·1	23·3	24·1	23·3	24·2	23·4	24·3	23·4	24·4	23·4	24·2	23·3	Means.

JANUARY 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	26·3	26·3	25·6	25·7	26·0	26·0	25·3	25·4	24·6	24·6	24·3	24·3	24·7	24·7	25·0	25·0	25·0	25·0	25·1	25·1	26·3	26·3	27·1	27·1	26·7	26·7	1
2	17·3	17·3	18·1	18·1	18·9	18·9	19·1	19·1	19·3	19·3	19·6	19·6	19·7	19·7	19·8	19·8	19·7	19·7	19·2	19·2	17·9	18·0	17·7	17·7	20·5	20·4	2
3	19·0	19·0	19·8	19·8	21·0	21·1	21·9	21·9	21·6	21·6	21·9	21·9	22·3	22·3	22·2	22·2	22·8	22·8	22·7	22·7	22·8	22·8	22·3	22·4	20·4	20·4	3
4	32·0	31·8	32·0	31·9	32·0	31·9	32·3	32·0	33·6	32·5	33·8	33·8	35·0	35·0	34·9	34·9	34·9	34·9	35·0	35·0	35·8	35·8	35·8	35·9	29·2	29·2	4
5	22·1	22·1	20·1	20·1	21·1	21·1	20·0	20·0	20·1	20·1	19·8	19·8	20·1	20·1	20·2	20·2	20·3	20·3	20·3	20·3	20·4	20·4	21·9	22·0	24·0	24·0	5
6	17·2	17·2	16·9	17·0	17·2	17·2	17·2	17·1	16·7	16·7	18·0	18·0	18·1	18·1	19·0	18·9	18·8	18·7	20·1	20·1	20·2	20·1	21·0	21·0	20·1	20·1	6
7	26·0	26·0	26·2	26·2	26·5	26·5	26·4	26·4	26·5	26·5	26·9	26·9	27·2	27·2	27·8	27·8	27·7	27·7	27·9	27·9	27·6	27·6	27·2	27·2	25·1	25·1	7
8	21·7	21·7	21·9	21·9	21·9	22·0	21·4	21·4	21·5	21·5	21·1	21·1	21·0	21·0	21·0	21·0	20·2	20·3	20·1	20·1	20·1	20·1	20·1	20·1	23·1	23·1	8
9	21·5	21·5	21·3	21·3	21·3	21·3	20·1	20·1	21·1	21·1	21·0	21·0	20·5	20·5	20·9	20·9	21·3	21·3	21·1	21·1	21·4	21·4	21·9	21·9	20·9	20·9	9
10	24·9	25·1	24·1	24·1	23·8	23·8	22·8	22·8	22·3	22·3	22·9	22·9	22·7	22·7	23·1	23·1	22·4	22·4	22·0	22·0	22·5	22·5	23·2	23·1	24·0	24·0	10
11	20·5	20·7	19·5	19·7	19·4	19·6	18·4	18·8	16·9	17·1	16·4	16·7	16·6	16·9	15·3	15·8	15·3	15·6	15·3	15·7	15·8	15·9	16·0	16·0	19·5	19·6	11
12	16·7	16·7	17·7	17·8	17·1	16·6	16·2	16·2	16·2	15·8	16·4	16·5	16·2	16·2	16·1	16·1	15·8	15·8	15·1	15·1	15·2	15·2	14·9	14·9	16·0	16·1	12
13	15·4	15·4	16·0	16·0	16·1	16·1	16·1	16·1	15·5	15·5	15·5	15·5	15·0	15·0	14·5	14·6	14·4	14·4	14·1	14·1	13·8	13·8	13·2	13·2	14·7	14·6	13
14	15·2	14·8	15·2	14·9	15·1	15·0	15·2	15·0	16·2	16·0	16·2	16·0	15·7	15·3	16·1	16·1	16·0	16·0	16·5	16·3	16·8	16·2	18·1	17·0	15·3	15·1	14
15	20·4	16·2	20·1	16·2	18·7	15·3	18·1	15·0	18·0	15·1	20·7	17·4	21·5	19·9	21·6	20·3	22·6	22·1	23·9	22·9	23·6	23·5	23·4	23·3	20·5	17·6	15
16	24·9	22·7	18·8	18·5	17·3	17·6	17·8	17·8	20·0	18·6	22·1	19·2	21·5	19·0	21·7	18·2	21·2	19·1	21·8	18·5	22·5	19·5	22·1	20·8	22·2	20·5	16
17	20·1	20·1	20·8	20·8	20·0	20·1	20·2	20·2	20·1	20·1	20·6	20·6	21·2	21·2	21·9	21·9	22·5	22·5	22·9	22·9	23·4	23·4	23·5	23·5	21·6	21·3	17
18	22·9	22·9	23·5	23·5	23·3	23·3	21·7	21·7	21·4	21·4	22·5	22·5	22·7	22·7	22·6	22·6	22·2	22·2	22·4	22·4	22·4	22·5	22·5	22·5	22·7	22·7	18
19	21·7	21·7	21·7	21·7	21·0	21·0	21·7	21·7	21·8	21·8	21·8	21·8	21·0	21·0	18·8	18·8	20·0	20·0	20·4	20·0	20·3	19·4	21·0	20·0	21·3	21·2	19
20	29·1	23·9	31·3	25·0	30·0	23·3	31·0	23·9	31·8	24·0	31·6	23·8	30·8	23·8	31·8	23·1	32·6	24·2	32·0	24·1	31·3	24·0	30·9	24·0	29·0	23·1	20
21	31·1	26·0	27·0	24·0	31·8	27·0	29·1	23·9	18·7	18·8	18·1	18·3	18·4	18·6	17·2	17·2	16·2	16·3	17·0	17·0	17·2	17·2	17·8	17·9	26·1	22·6	21
22	27·5	23·2	26·5	22·2	27·3	23·3	27·0	23·4	26·3	22·8	25·2	22·1	23·2	21·0	25·0	21·9	28·0	24·0	26·6	23·4	26·2	23·9	28·8	25·0	25·4	22·2	22
23	30·2	26·4	27·9	23·6	28·8	24·0	25·9	22·7	23·7	23·1	20·2	20·2	22·0	22·0	24·9	24·9	24·8	24·8	24·5	24·4	24·8	24·8	23·7	23·9	27·1	24·6	23
24	22·0	22·0	24·4	24·4	26·1	26·1	26·9	26·8	28·1	28·1	27·1	27·1	25·5	25·5	25·1	25·1	25·9	26·0	26·1	26·0	28·1	28·1	28·0	28·0	25·5	24·9	24
25	25·3	25·3	25·3	25·3	25·4	25·4	26·3	26·2	27·9	28·0	30·0	30·0	30·0	30·0	30·3	30·3	30·2	30·2	30·4	30·4	31·1	31·2	32·0	32·0	28·3	28·3	25
26	31·9	31·9	31·9	31·9	32·0	32·0	31·8	31·7	31·8	32·0	32·1	32·1	32·0	32·0	31·8	31·8	31·0	31·0	30·0	30·6	30·0	30·1	29·8	29·8	31·8	31·7	26
27	27·7	27·7	27·9	27·9	28·2	28·2	28·3	28·3	28·2	28·2	28·2	28·2	28·0	28·0	27 7	27·7	27·4	27·4	28·5	28·5	27·8	27·8	27·9	27·9	28·1	28·1	27
28	26·9	26·9	27·6	27·6	27·7	27·7	27·8	27·8	28·7	28·7	30·0	30·0	30·0	30·0	29·9	29·9	29·1	29·1	28·2	28·2	27·1	27·1	25·9	26·0	27·2	27·2	28
29	32·0	32·0	32·9	32·9	32·8	32·8	33·8	33·8	32·1	32·1	31·9	32·0	31·4	32·0	30·0	31·3	29·0	29·0	29·9	28·2	29·1	29·1	29·1	29·2	30·0	30·0	29
30	27·8	27·8	26·0	26·0	25·0	25·0	28·6	28·7	24·2	24·2	24·1	24·1	23·8	24·0	24·1	24·1	24·2	24·2	24·2	24·2	24·8	24·8	25·8	25·8	27·7	27·7	30
31	26·2	26·2	26·1	26·1	25·9	25·9	25·3	25·3	25·8	25·8	25·9	25·9	25·3	25·3	25·3	25·3	25·5	25·5	25·9	25·8	27·1	27·1	27·1	27·1	25·8	25·8	31
Means.	24·0	23·2	23·7	23·0	23·8	23·1	23·7	22·9	23·2	22·7	23·4	22·9	23·3	22·9	23·4	22·9	23·5	23·0	2·35	23·0	23·7	23·2	23·9	23·4	23·9	23·2	Means.

FEBRUARY 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·6	27·7	25·9	25·9	26·0	26·0	26·0	26·0	26·1	26·1	26·1	26·1	25·8	25·8	25·3	25·3	25·5	25·5	25·7	25·7	26·0	26·0	26·1	26·1	1
2	23·2	23·2	23·3	23·4	23·8	23·8	23·8	23·9	23·8	23·8	23·4	23·5	23·1	23·1	22·6	22·7	22·3	22·4	22·5	22·6	23·2	23·2	24·1	24·0	2
3	24·6	24·6	24·4	24·4	24·6	24·6	24·6	24·7	24·4	24·5	24·3	24·3	23·8	23·8	23·2	23·3	23·7	23·8	23·4	23·5	24·0	24·0	24·6	24·7	3
4	24·2	24·4	24·0	24·0	23·8	23·8	22·3	22·8	21·9	21·9	21·0	21·0	20·8	20·8	19·1	19·1	19·9	19·9	21·1	21·3	21·3	21·5	21·0	21·0	4
5	22·3	22·5	22·8	22·8	23·0	23·0	23·1	23·1	22·9	22·9	22·8	22·8	22·5	22·7	22·5	22·5	22·5	22·5	22·0	22·0	22·1	22·1	22·4	22·4	5
6	22·7	22·7	22·3	22·3	23·0	23·0	23·3	23·3	23·4	23·4	23·2	23·2	22·1	22·3	21·2	21·2	22·0	22·0	23·9	24·0	24·5	24·5	25·7	25·7	6
7	28·8	28·8	26·9	26·9	25·3	25·6	24·8	24·8	24·4	24·4	24·0	24·0	23·9	23·9	23·7	23·7	23·8	23·8	23·8	23·8	23·9	23·9	24·1	24·1	7
8	23·8	23·8	23·1	23·2	22·9	22·9	23·9	23·9	23·8	23·8	24·1	24·1	23·8	23·8	24·0	24·0	28·9	28·9	30·9	30·9	31·8	31·8	31·9	31·9	8
9	19·8	19·8	19·2	19·5	19·7	19·7	19·4	19·5	20·2	20·2	20·6	20·6	19·0	19·1	19·0	19·0	21·0	20·9	22·3	22·4	22·3	22·3	22·0	22·0	9
10	18·2	18·2	18·2	18·2	18·3	18·3	18·1	18·1	17·1	17·1	17·8	17·8	17·9	17·9	18·2	18·2	19·1	19·1	19·6	19·6	20·2	20·2	20·8	20·8	10
11	33·8	33·8	33·1	33·1	32·9	32·9	32·9	33·0	31·8	31·8	29·4	29·7	28·2	28·5	27·1	27·1	26·2	26·2	26·4	26·4	25·2	25·2	23·8	24·0	11
12	33·9	33·9	33·8	33·9	34·0	34·0	34·3	34·3	35·0	35·0	34·3	34·3	34·4	34·4	34·4	34·4	34·4	34·4	34·4	34·4	34·0	34·0	34·0	34·0	12
13	26·0	26·0	25·8	25·8	26·6	26·4	27·8	27·8	29·5	29·5	31·4	31·4	30·6	30·8	29·3	29·3	29·0	29·0	28·9	28·9	30·0	30·0	29·4	29·4	13
14	22·4	22·6	21·0	21·1	20·3	20·3	21·1	21·1	20·8	20·8	21·0	20·9	21·2	21·3	21·1	21·1	21·3	21·4	21·1	21·1	21·4	21·4	22·0	22·0	14
15	15·1	15·0	15·4	14·9	16·6	16·6	18·4	18·4	18·5	18·5	19·6	19·6	20·1	20·1	20·1	20·1	20·3	20·3	20·2	20·2	20·8	20·8	21·6	21·6	15
16	11·1	10·2	11·3	10·0	12·1	10·3	12·0	11·0	13·3	12·0	15·3	14·0	14·3	13·9	18·0	14·2	16·6	14·3	18·7	16·2	20·5	18·0	20·3	17·7	16
17	15·2	14·3	14·4	13·1	14·1	13·2	13·7	13·0	13·9	12·8	14·4	13·4	15·2	13·9	15·1	14·1	15·0	14·3	15·2	15·2	16·6	16·7	15·1	15·1	17
18	18·0	18·0	17·9	17·9	17·2	17·2	16·7	16·7	16·2	16·1	15·3	15·2	14·6	14·5	14·8	14·6	15·9	15·9	16·2	16·0	16·2	16·1	16·3	16·2	18
19	13·2	13·5	14·9	14·9	15·0	15·0	15·3	15·3	15·2	15·2	15·3	15·3	15·2	15·2	16·0	16·0	17·1	17·1	17·5	17·5	18·2	18·2	18·8	18·8	19
20	13·9	14·0	13·0	13·1	11·2	11·7	11·1	11·2	11·6	11·7	11·8	11·8	11·3	11·5	12·0	12·0	12·2	12·4	13·0	13·1	14·1	14·1	14·3	14·4	20
21	13·9	14·0	13·9	13·9	14·3	14·3	15·2	15·1	15·7	15·7	16·0	16·0	15·9	15·9	15·9	15·9	15·4	15·4	14·5	14·7	14·2	14·2	15·2	14·8	21
22	[21·3]	[21·3]	[22·1]	[22·1]	[22·9]	[22·9]	[23·5]	[23·5]	[24·2]	[24·2]	[24·9]	[24·9]	[25·8]	[25·8]	26·3	26·3	27·0	26·9	27·1	27·1	27·5	27·5	26·7	26·7	22
23	22·1	22·2	22·1	22·1	22·9	22·9	23·3	23·3	23·9	23·9	23·8	23·8	25·0	25·0	25·9	25·9	26·8	26·8	28·0	28·0	29·9	29·7	30·1	30·1	23
24	35·1	35·0	34·8	34·8	35·4	35·3	35·2	35·2	35·6	35·5	34·3	34·2	34·6	34·5	34·2	34·2	33·7	33·7	33·0	32·9	32·8	32·7	31·8	31·9	24
25	29·3	29·2	30·0	29·9	30·0	30·0	29·5	29·3	29·0	28·9	27·8	27·7	27·6	27·4	26·7	26·5	26·3	26·2	26·0	25·9	26·1	26·0	26·7	26·5	25
26	28·6	28·3	28·4	28·2	28·9	28·9	29·2	28·9	28·8	28·4	28·7	28·6	28·8	28·6	30·0	29·8	31·2	31·1	32·0	32·0	33·6	33·6	34·9	34·9	26
27	31·9	31·9	31·7	31·7	31·7	31·7	31·9	31·8	31·8	31·8	31·9	31·9	31·9	31·9	31·8	31·8	31·5	31·4	31·6	31·6	31·5	31·5	31·6	31·5	27
28	24·1	24·0	21·8	21·8	21·8	21·8	21·3	21·3	20·7	20·7	20·0	20·0	19·1	19·1	20·0	20·0	19·8	19·8	20·1	20·1	19·5	19·5	20·0	20·0	28
29																									29
30																									30
31																									31
Means.	23·0	23·0	22·7	22·6	22·8	22·7	22·9	22·9	23·0	22·9	22·9	22·9	22·7	22·7	22·8	22·6	23·2	23·0	23·5	23·5	24·0	23·9	24·1	24·0	Means.

FEBRUARY 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	25·8	25·8	25·2	25·2	24·8	24·8	24·1	24·1	23·9	23·9	23·5	23·5	23·4	23·4	23·0	23·0	23·1	23·1	23·3	23·4	23·1	23·1	22·9	22·9	24·9	24·9	1
2	24·1	24·0	24·0	24·0	23·2	23·3	23·9	24·0	25·1	25·1	26·4	26·5	26·6	26·6	26·0	26·0	25·8	25·8	25·7	25·7	25·5	25·5	25·1	25·1	24·2	24·2	2
3	23·9	23·9	23·9	23·9	24·5	24·5	23·9	23·9	23·5	23·5	23·1	23·1	23·0	23·0	23·8	23·8	24·0	24·0	23·2	23·2	24·0	24·0	24·0	24·0	23·9	24·0	3
4	21·7	21·7	22·1	22·1	22·3	22·3	22·6	22·6	22·0	22·0	21·7	21·7	21·8	21·8	21·8	21·8	22·3	22·4	22·6	22·7	22·8	22·8	22·4	22·5	21·9	22·0	4
5	22·8	22·8	23·3	23·3	23·7	23·7	23·4	23·5	23·4	23·4	23·9	23·9	24·0	24·0	24·0	24·0	24·0	24·0	24·0	24·0	23·8	23·8	22·9	22·9	23·1	23·1	5
6	26·3	26·3	27·8	27·8	28·8	28·8	28·1	28·1	27·8	27·8	26·7	26·7	27·0	27·0	29·3	29·3	30·9	30·9	30·8	30·8	30·0	30·0	29·5	29·6	25·8	25·9	6
7	24·0	24·0	24·9	24·9	25·8	25·8	26·0	26·0	26·0	26·0	26·2	26·2	24·9	24·9	25·8	25·8	25·7	25·7	24·3	24·7	23·4	23·5	23·4	23·4	24·9	24·9	7
8	31·9	31·9	31·9	31·9	30·9	31·2	28·9	29·0	24·8	24·9	23·4	23·6	23·5	23·5	23·0	23·0	22·0	22·1	21·2	21·5	21·4	21·5	20·1	20·1	25·7	25·7	8
9	20·2	20·2	21·9	21·9	22·1	22·1	23·1	23·1	23·3	23·3	23·1	23·1	22·8	22·8	22·9	23·0	23·3	23·3	21·0	21·1	20·9	20·9	18·9	18·9	21·2	21·2	9
10	20·9	20·9	21·6	21·6	22·2	22·2	22·3	22·2	24·1	24·1	25·2	25·2	27·0	26·8	30·0	30·0	31·7	31·7	32·3	32·0	35·0	35·0	34·3	34·4	22·9	22·9	10
11	22·9	22·9	23·3	23·4	24·0	24·0	23·9	23·9	23·9	23·9	25·0	25·0	25·1	25·1	27·2	27·2	29·8	29·8	32·0	32·0	33·9	33·9	33·9	33·9	28·2	28·2	11
12	34·2	34·2	34·4	34·4	34·2	34·2	33·8	33·8	33·3	33·3	33·0	33·0	32·2	32·2	31·6	31·6	30·9	30·9	29·9	29·9	27·9	27·9	27·2	27·2	33·1	33·1	12
13	28·3	28·3	30·3	30·3	31·8	31·9	29·4	29·5	28·2	28·2	28·9	28·9	28·6	28·6	28·8	28·8	28·0	28·1	28·0	28·0	25·4	25·4	23·9	23·9	28·5	28·5	13
14	22·1	22·1	21·6	21·6	21·9	21·9	19·7	19·8	19·1	19·1	17·2	17·2	17·1	17·1	18·1	18·1	18·9	19·0	19·1	19·1	17·1	17·1	14·5	14·3	20·0	20·1	14
15	22·0	22·0	22·4	22·4	22·2	22·2	21·0	21·0	19·1	19·1	18·4	18·4	18·3	18·3	18·1	18·1	18·1	18·1	16·2	16·2	15·0	15·1	11·1	10·9	18·7	18·7	15
16	21·2	20·3	20·2	17·1	20·9	17·0	20·2	16·5	19·2	15·9	18·7	15·8	17·5	14·4	17·4	14·0	17·4	13·8	16·9	14·1	16·2	14·6	16·0	14·9	16·9	14·6	16
17	16·8	17·0	17·2	16·9	17·0	16·9	17·1	17·1	17·2	17·2	18·1	18·1	18·2	18·2	18·2	18·2	18·6	18·6	18·7	18·8	18·1	18·1	18·1	18·1	16·3	15·9	17
18	16·5	16·2	16·6	17·0	18·0	18·0	18·0	18·0	16·6	16·8	15·2	15·2	15·0	15·1	14·0	14·0	13·7	13·8	13·3	13·5	13·3	13·7	13·8	13·8	15·3	15·8	18
19	20·0	20·0	19·2	19·2	19·3	19·3	19·1	19·2	19·0	19·1	17·4	17·7	16·4	16·7	16·6	16·7	17·1	17·1	16·0	16·0	15·4	15·6	15·2	15·2	16·8	16·8	19
20	14·6	14·7	15·1	15·1	14·4	14·5	14·2	14·2	14·0	14·0	13·6	13·6	13·5	13·6	14·0	14·0	14·0	14·0	13·6	13·8	13·8	13·8	14·0	14·0	13·3	13·3	20
21	16·5	16·5	16·9	16·9	17·9	17·9	18·2	18·1	18·1	18·0	[18·1]	[18·1]	[18·3]	[18·3]	[18·6]	[18·6]	[19·0]	[19·0]	[19·4]	[19·4]	[19·9]	[19·9]	[20·7]	[20·7]	16·7	16·7	21
22	25·4	25·4	23·8	23·8	23·6	23·6	22·9	23·0	22·4	22·4	22·2	22·2	21·8	21·9	22·2	22·2	22·3	22·3	22·9	22·9	22·8	22·8	22·0	22·1	23·9	23·9	22
23	30·3	30·3	30·7	30·7	30·1	30·0	30·0	29·9	29·8	29·6	30·0	29·8	28·3	27·8	28·7	27·7	30·2	27·9	32·3	31·9	33·6	33·3	34·3	34·4	28·0	27·8	23
24	31·9	31·9	31·9	32·0	31·8	31·8	31·8	31·8	32·0	31·9	32·0	31·9	31·5	31·5	31·1	31·0	31·0	30·9	30·6	30·6	30·6	30·6	29·1	29·1	32·7	32·7	24
25	26·5	26·4	26·3	26·4	26·2	26·2	26·2	26·2	25·5	25·3	25·0	25·0	24·3	24·3	24·8	24·6	25·1	24·8	25·9	25·8	26·4	26·2	27·1	26·8	26·8	26·7	25
26	35·0	35·0	35·3	35·3	34·9	34·9	34·8	34·7	34·3	34·3	34·6	34·5	34·4	34·3	33·0	33·0	32·1	32·1	32·3	32·3	33·0	32·9	33·3	33·3	32·1	32·0	26
27	31·7	31·6	31·3	31·7	31·9	31·8	31·7	31·7	31·7	31·7	32·0	31·9	31·7	31·6	29·9	29·8	29·2	29·0	30·2	30·0	26·4	26·4	25·0	25·0	31·0	30·9	27
28	19·8	19·8	18·9	18·9	18·9	18·9	18·3	18·3	18·3	18·3	17·7	17·7	18·1	18·1	18·1	18·1	18·5	18·5	18·1	18·1	18·1	18·1	18·0	18·0	19·5	19·5	28
29																											29
30																											30
31																											31
Means.	24·2	24·1	24·4	24·3	24·5	24·4	24·2	24·0	23·8	23·6	23·6	23·5	23·4	23·2	23·6	23·4	23·8	23·6	23·7	23·6	23·5	23·4	22·9	22·8	23·5	23·4	Means.

MARCH 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	17·3	17·3	16·2	16·2	15·2	15·2	14·3	14·4	14·2	14·2	13·8	13·8	13·4	13·3	13·9	13·8	14·6	14·5	15·0	15·0	15·7	15·7	16·1	16·1	1
2	15·2	15·2	15·4	15·4	15·9	15·9	15·8	15·9	16·1	16·1	16·2	16·2	16·1	16·1	16·2	16·2	16·2	16·2	16·7	16·8	17·5	17·6	18·2	18·2	2
3	22·8	22·8	23·0	23·0	22·3	22·4	22·1	22·1	22·0	22·0	22·1	22·1	22·7	22·7	22·0	22·0	22·0	22·0	23·0	23·0	23·3	23·3	23·3	23·3	3
4	23·3	23·3	23·3	23·3	23·6	23·6	23·6	23·6	23·6	23·6	23·4	23·4	23·3	23·3	23·5	23·5	23·9	23·9	24·1	24·1	24·2	24·2	24·4	24·4	4
5	20·1	20·2	19·8	19·8	19·1	19·1	18·5	18·5	18·2	18·2	17·7	17·7	16·9	16·9	16·1	16·1	15·8	15·8	15·8	15·8	16·3	16·3	17·1	17·1	5
6	17·7	17·9	18·7	18·6	17·9	17·9	18·4	18·4	18·8	18·8	18·5	18·4	18·5	18·3	18·5	18·3	18·3	18·1	18·0	18·0	17·9	17·9	18·8	18·8	6
7	21·8	18·0	21·0	17·9	19·7	19·8	20·2	20·2	21·6	21·6	22·6	22·6	22·8	22·8	24·0	24·0	24·9	24·9	26·1	26·1	27·7	27·6	27·9	27·8	7
8	24·2	24·2	24·1	24·2	24·4	24·4	22·9	23·0	22·9	22·9	22·7	22·7	22·0	22·0	22·3	22·3	22·6	22·6	22·5	22·5	21·8	21·8	21·1	21·1	8
9	12·5	12·5	12·8	12·9	12·2	12·2	12·1	12·2	12·0	12·1	12·3	12·4	12·3	12·4	11·8	12·1	12·4	12·6	12·8	13·0	13·9	14·0	14·9	14·8	9
10	20·5	20·5	20·6	20·6	20·6	20·6	20·8	20·9	21·3	21·3	21·1	21·1	20·9	20·9	20·8	20·8	20·2	20·2	20·2	20·2	21·9	22·0	23·6	23·6	10
11	23·2	23·2	21·5	21·6	21·2	21·2	21·5	21·5	21·6	21·6	21·9	21·9	22·4	22·5	22·8	22·8	23·5	23·5	24·0	24·0	24·2	24·2	24·7	24·7	11
12	23·9	24·0	24·5	24·5	23·1	23·2	24·6	24·6	23·2	23·2	22·6	22·7	22·5	22·5	22·9	22·9	23·0	23·0	23·5	23·5	24·3	24·3	24·8	24·8	12
13	24·1	24·1	24·7	24·5	24·8	24·8	24·4	24·4	24·4	24·4	24·3	24·4	24·1	24·1	24·3	24·3	24·9	24·9	25·6	25·5	27·7	27·3	27·0	26·9	13
14	33·5	26·3	29·7	26·3	29·7	25·1	33·9	27·0	33·6	27·8	35·7	29·7	35·7	27·9	33·7	28·2	37·5	27·8	38·9	30·6	31·6	28·0	29·9	26·7	14
15	24·1	24·2	23·1	23·3	23·6	23·9	23·7	23·9	23·8	23·9	24·3	24·5	24·0	24·0	23·8	23·9	23·8	24·0	24·5	24·6	25·2	25·3	25·8	25·9	15
16	23·7	23·9	22·8	23·0	21·4	21·4	21·6	21·7	22·2	22·4	22·6	22·7	22·9	22·9	23·0	23·0	23·6	23·7	23·9	24·0	24·8	24·8	25·3	25·3	16
17	29·2	29·1	29·7	29·7	29·9	29·9	30·1	30·1	31·1	31·1	31·2	31·2	31·1	31·1	29·0	29·0	26·6	26·7	25·1	25·5	25·8	26·0	25·7	25·8	17
18	21·6	21·7	21·4	21·7	21·2	21·4	20·8	21·0	19·8	21·0	18·3	18·5	16·9	17·2	16·3	16·8	16·5	16·9	17·0	17·2	17·3	17·6	17·6	17·8	18
19	14·9	14·9	14·5	14·5	15·0	15·0	15·4	15·4	16·0	16·0	16·2	16·2	17·1	17·1	18·0	18·0	18·9	18·9	20·1	20·1	21·1	21·1	22·4	22·4	19
20	32·9	33·0	32·9	33·0	33·3	33·3	33·1	33·1	32·2	32·2	31·7	31·7	31·3	31·3	29·5	29·5	28·0	28·0	25·3	25·3	23·8	24·0	23·2	23·2	20
21	15·0	15·1	14·1	14·1	15·0	15·0	14·1	14·1	13·2	13·2	14·1	14·1	13·1	13·1	13·0	13·0	13·4	13·4	14·0	14·0	14·1	14·1	14·2	14·0	21
22	19·4	19·5	19·2	19·3	19·4	19·5	19·4	19·4	19·3	19·3	19·1	19·1	19·1	19·1	19·4	19·4	18·7	18·8	18·1	18·1	18·2	18·2	18·1	18·1	22
23	13·1	12·7	14·1	14·1	17·1	14·8	17·3	15·7	18·0	16·5	18·5	17·0	18·8	17·4	19·3	17·3	18·9	17·1	20·1	17·8	20·8	18·2	20·9	19·0	23
24	24·8	24·6	25·1	24·9	25·8	25·6	26·7	26·5	27·4	27·2	27·1	27·1	27·1	27·1	27·0	27·0	27·1	27·0	27·9	27·9	28·5	28·5	28·4	28·4	24
25	22·7	21·2	21·1	20·0	21·1	21·1	21·0	21·0	21·7	21·8	21·9	21·9	22·3	22·3	23·2	23·2	22·8	22·8	23·2	23·2	23·4	23·4	25·0	25·0	25
26	25·6	25·6	25·9	26·0	26·0	26·0	26·0	26·0	26·3	26·3	28·0	28·0	29·6	29·6	30·8	30·8	31·8	31·8	32·0	32·0	32·2	32·0	33·0	33·0	26
27	26·3	26·3	25·5	25·6	24·9	24·9	23·8	23·8	23·1	23·1	22·1	22·1	20·6	20·6	23·5	23·5	20·0	20·0	19·7	19·7	19·6	19·6	20·3	20·3	27
28	20·5	20·5	21·0	21·0	21·9	21·9	22·2	22·2	22·4	22·4	22·8	22·8	23·1	23·1	23·6	23·6	25·5	25·5	23·7	23·7	24·0	23·9	24·5	24·4	28
29	26·1	26·0	26·3	26·3	26·8	26·8	26·8	27·0	27·5	27·5	27·7	27·7	27·4	27·4	26·4	26·4	25·7	25·7	25·8	25·8	25·1	25·1	25·2	25·2	29
30	17·1	17·2	16·7	16·7	16·6	16·6	16·6	16·6	16·2	16·1	15·2	15·1	15·8	15·6	16·3	15·8	17·0	16·9	17·3	16·1	19·8	18·0	20·4	19·4	30
31	18·4	17·9	18·4	17·5	18·6	18·5	21·3	21·2	21·0	21·0	22·0	22·0	22·9	22·9	22·9	22·9	24·6	24·6	24·7	24·7	26·9	26·9	27·3	27·3	31
Means.	21·8	21·4	21·5	21·3	21·5	21·3	21·7	21·5	21·8	21·6	21·9	21·6	21·8	21·5	21·9	21·6	22·0	21·7	22·2	21·9	22·5	22·3	22·9	22·7	Means.

MARCH 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	16·4	16·4	16·6	16·6	16·9	16·9	16·3	16·3	16·2	16·2	16·5	16·5	15·4	15·4	15·8	15·8	15·6	15·9	15·3	15·3	15·2	15·2	15·2	15·2	15·5	15·5	1
2	18·3	18·3	19·0	19·0	19·0	19·0	19·0	19·0	19·2	19·2	19·5	19·5	19·7	19·7	20·1	20·1	20·7	20·7	21·4	21·4	20·9	20·9	22·0	22·0	18·1	18·1	2
3	23·2	23·2	22·8	22·8	22·7	22·7	22·5	22·5	22·3	22·3	22·0	22·0	22·2	22·2	22·3	22·3	22·1	22·1	22·1	22·1	22·7	22·8	23·2	23·2	22·5	22·5	3
4	24·1	24·1	23·9	23·9	23·5	23·5	23·4	23·4	23·0	23·0	21·7	21·7	22·0	22·0	22·0	22·0	21·4	21·4	21·9	21·9	21·9	22·0	21·3	21·3	23·1	23·1	4
5	17·0	17·0	16·5	16·5	16·3	16·3	16·5	16·4	16·1	16·1	14·6	14·6	14·6	14·6	16·1	15·9	15·0	14·9	14·2	14·2	15·9	16·1	15·9	16·2	16·7	16·7	5
6	19·2	19·2	19·1	19·1	18·7	18·7	18·5	18·5	18·7	18·7	18·0	18·0	17·9	17·9	17·7	17·7	17·6	17·7	17·6	17·6	17·8	17·9	19·4	17·3	18·3	18·2	6
7	27·0	27·0	27·2	27·2	26·9	26·9	25·6	25·6	25·1	25·1	25·2	25·2	24·7	24·7	24·9	25·0	24·9	24·9	24·9	24·9	25·3	25·3	24·9	25·0	24·5	24·2	7
8	20·9	21·0	21·1	21·1	18·6	18·6	18·0	18·0	16·6	16·8	15·3	15·4	14·7	14·8	13·5	13·9	12·7	12·7	13·4	13·4	13·2	13·2	12·8	13·0	19·3	19·4	8
9	15·9	15·9	16·6	16·5	17·6	16·3	17·7	17·6	17·5	17·7	18·0	18·0	19·8	19·8	20·8	21·0	21·0	21·0	20·9	21·0	20·8	20·9	20·7	20·8	15·8	15·8	9
10	23·5	23·5	23·6	23·8	23·7	23·7	23·5	23·6	21·4	21·5	21·5	21·5	21·9	21·9	21·8	21·8	21·9	21·9	22·6	22·6	22·5	22·5	22·3	22·3	21·8	21·8	10
11	24·8	24·9	24·8	25·0	25·7	25·7	25·6	25·7	25·4	25·4	25·0	25·1	24·9	24·9	25·5	25·5	24·9	24·9	24·5	24·5	24·4	24·5	24·1	24·1	23·8	23·9	11
12	25·3	25·4	25·8	25·9	25·6	25·6	25·6	25·6	25·8	25·9	25·7	25·8	25·9	25·9	24·9	24·9	24·9	24·9	24·7	24·7	24·7	24·7	24·3	24·1	24·4	24·4	12
13	27·5	27·1	28·1	27·9	27·9	27·2	27·8	27·3	26·9	26·4	26·9	26·1	26·1	25·8	26·7	26·1	26·3	25·9	28·2	26·4	28·9	26·3	28·7	25·6	26·3	25·7	13
14	27·5	26·6	26·7	25·8	26·9	26·9	26·9	26·8	26·5	26·7	25·8	25·9	25·9	26·0	25·1	25·2	25·0	25·0	25·0	25·1	24·8	25·0	24·8	25·0	29·8	26·7	14
15	26·6	26·7	26·9	26·9	26·5	26·4	25·7	25·7	24·9	25·1	25·9	26·0	25·6	25·7	25·6	25·6	25·3	25·4	25·6	25·6	25·6	25·6	26·1	26·1	25·0	25·1	15
16	25·3	25·4	25·1	25·2	25·9	25·9	26·0	26·0	25·1	25·2	24·8	24·9	24·3	24·6	23·4	23·4	25·1	25·3	25·8	25·9	26·6	26·6	27·2	27·2	24·3	24·4	16
17	25·0	25·2	25·9	26·0	24·8	25·0	24·7	24·9	23·8	24·0	23·0	23·2	22·6	22·8	22·7	22·9	22·4	22·7	22·3	22·4	21·7	21·9	21·3	21·4	26·0	26·2	17
18	18·9	19·0	19·8	20·0	20·3	20·3	19·4	19·5	18·7	18·8	17·4	17·4	17·1	17·1	17·0	17·0	16·9	16·9	16·2	16·2	15·2	15·2	15·0	15·0	18·2	18·3	18
19	23·9	23·9	25·8	25·8	27·0	27·0	29·3	29·2	30·0	30·1	31·0	31·0	31·3	31·3	31·2	31·2	31·3	31·3	31·9	31·9	32·0	32·0	32·3	32·0	23·6	23·6	19
20	22·1	22·1	23·0	23·0	21·1	21·1	20·8	20·9	19·4	19·4	18·6	18·6	19·7	19·7	18·9	18·9	17·4	17·4	16·7	16·9	16·8	16·8	15·9	15·9	24·5	24·5	20
21	15·5	15·5	15·3	15·2	15·4	15·4	16·2	16·2	15·2	15·2	15·6	15·6	16·2	16·2	17·1	17·1	18·0	18·0	18·9	18·9	19·3	19·3	19·7	19·8	15·4	15·4	21
22	18·1	18·1	18·9	18·9	17·3	17·4	18·1	18·1	18·0	18·0	17·1	17·1	16·2	16·3	15·3	15·4	14·5	14·3	14·2	14·2	13·9	13·7	13·4	13·4	17·6	17·6	22
23	20·0	19·3	20·4	19·6	20·9	19·9	21·2	20·6	20·9	20·4	21·0	20·5	21·4	20·8	21·1	21·0	22·2	22·1	22·9	22·7	23·9	23·7	24·2	24·1	19·9	18·8	23
24	29·0	29·0	29·7	29·7	29·0	29·1	28·8	28·9	28·4	28·4	26·9	26·9	26·8	26·6	25·9	25·9	25·2	25·2	24·5	24·5	22·7	22·7	24·2	21·0	26·8	26·7	24
25	26·5	26·5	27·5	27·6	28·8	28·8	28·9	29·0	29·0	29·1	29·7	29·7	30·0	30·0	30·8	30·8	29·7	29·8	27·6	27·7	26·3	26·3	25·8	25·8	25·4	25·3	25
26	33·8	33·8	34·7	34·7	32·0	32·0	31·0	31·1	29·3	29·3	29·3	29·3	29·9	29·9	30·4	30·5	30·5	30·5	29·8	29·8	28·5	28·5	28·5	28·6	29·8	29·8	26
27	20·9	20·9	18·9	19·0	19·1	19·2	20·1	20·1	19·1	19·1	19·1	19·1	20·8	20·8	21·2	21·2	20·7	20·7	20·1	20·1	20·6	20·6	20·5	20·5	21·3	21·3	27
28	24·7	24·7	24·5	24·5	24·3	24·3	23·8	23·8	24·2	24·2	23·9	23·9	24·1	24·0	25·2	25·2	25·7	25·6	25·6	25·4	25·8	25·8	26·0	25·9	23·9	23·8	28
29	24·8	24·9	23·3	23·3	22·8	22·8	22·2	22·1	21·8	21·8	21·2	21·2	21·1	21·1	20·8	20·8	18·9	18·8	19·0	19·0	18·5	18·5	18·6	18·6	23·7	23·7	29
30	20·4	19·7	20·4	19·8	22·4	21·6	21·4	20·7	21·2	20·8	20·2	20·1	20·1	20·1	20·2	20·2	18·3	18·3	18·3	18·2	18·3	18·0	18·2	18·0	18·5	18·2	30
31	27·9	27·9	28·8	28·9	29·0	29·0	29·8	29·8	30·0	30·0	30·4	30·4	31·0	31·0	31·4	31·4	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	26·5	26·4	31
Means.	23·0	23·0	23·2	23·2	23·1	23·0	23·0	23·0	22·6	22·6	22·3	22·3	22·4	22·4	22·4	22·4	22·2	22·2	22·2	22·1	22·2	22·1	22·2	21·9	22·3	22·1	Means.

APRIL 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·9	27·9	25·1	25·1	23·8	23·8	23·0	23·1	21·9	21·9	20·2	20·2	19·2	19·2	18·7	18·7	17·2	17·2	17·5	17·0	19·7	19·9	18·8	19·0	1
2	15·0	15·0	14·4	14·4	16·0	16·0	15·4	15·4	15·2	15·2	14·6	14·6	15·5	15·5	15·8	15·8	16·1	16·1	17·2	17·2	18·9	18·9	19·6	19·6	2
3	22·6	22·7	22·8	22·8	22·9	22·9	22·9	22·9	24·2	24·2	24·2	24·2	24·6	24·6	24·6	24·6	25·0	25·0	25·7	25·7	25·8	25·8	26·2	26·2	3
4	24·1	24·1	24·0	24·0	23·9	23·9	23·3	23·3	22·1	22·1	20·0	20·0	19·2	19·1	20·8	20·8	22·0	22·0	23·1	23·1	23·2	23·2	23·8	23·8	4
5	21·1	20·0	21·2	20·2	21·1	21·0	20·0	20·0	20·0	20·0	19·8	19·8	20·0	20·0	20·1	20·1	19·6	19·6	20·2	20·2	19·9	19·9	19·6	19·6	5
6	18·9	18·9	20·8	20·8	20·8	20·8	21·0	21·0	20·3	20·3	20·6	20·6	21·0	21·0	21·4	21·4	22·1	22·1	23·8	23·8	24·7	24·7	25·7	25·7	6
7	25·4	25·4	25·2	25·2	25·1	25·1	25·3	25·3	25·1	25·1	23·9	24·0	25·0	25·0	23·3	23·3	22·8	22·8	23·7	23·0	23·9	23·3	24·0	23·2	7
8	20·0	18·0	19·6	18·0	21·2	19·0	21·7	17·8	20·1	17·3	20·1	18·3	20·9	19·3	22·1	20·6	22·9	21·1	23·1	21·3	22·8	20·9	22·3	21·7	8
9	20·8	20·8	20·3	20·3	20·8	20·8	20·2	20·2	20·1	20·1	20·2	20·2	20·6	20·6	20·9	20·9	21·2	21·2	22·5	22·5	22·8	22·8	22·9	22·9	9
10	23·2	23·2	23·1	23·1	23·4	23·5	23·2	23·2	23·7	23·7	23·9	23·9	24·3	24·3	25·2	25·2	26·1	26·1	27·2	27·3	29·0	29·0	28·9	29·0	10
11	23·9	23·9	24·0	24·0	24·0	24·0	24·0	24·0	24·9	24·9	26·6	26·6	26·7	26·7	27·0	27·0	27·3	27·3	27·6	27·6	27·9	27·9	27·3	27·3	11
12	23·3	23·1	23·3	23·2	23·1	22·9	23·3	23·0	22·9	22·4	22·1	21·9	22·6	22·1	22·7	22·1	23·8	23·1	24·0	23·4	25·0	24·1	25·1	24·6	12
13	23·7	22·8	22·2	22·2	23·1	23·0	22·3	22·3	22·1	22·1	21·9	21·4	23·8	22·0	24·7	22·1	25·9	23·3	28·4	27·1	30·0	28·3	30·7	28·0	13
14	25·9	24·0	25·6	24·0	25·8	24·0	25·4	24·0	25·3	23·8	25·1	24·0	25·4	24·0	25·7	24·7	26·1	24·9	26·4	25·0	27·8	26·0	28·7	26·4	14
15	26·2	25·2	26·1	25·2	26·1	25·8	26·2	25·2	26·1	24·0	26·1	24·1	26·2	24·0	26·8	24·0	26·8	24·7	27·0	25·0	27·7	25·4	27·7	25·9	15
16	24·8	23·5	25·0	23·7	25·0	23·7	24·4	23·2	24·1	23·5	23·9	22·3	24·4	22·8	24·5	23·0	25·0	23·0	25·3	24·0	26·1	25·0	27·4	26·1	16
17	26·9	25·1	27·0	25·2	28·1	26·1	27·3	25·2	25·3	24·6	26·2	23·4	28·1	24·3	29·9	26·3	31·0	27·9	32·1	30·3	31·3	29·3	30·8	29·8	17
18	31·3	31·7	31·4	31·4	31·2	31·2	30·3	30·3	30·4	30·5	30·3	30·3	29·2	29·2	29·8	29·8	30·3	30·3	31·2	31·2	31·7	31·7	32·0	32·0	18
19	31·3	31·3	31·9	31·9	31·3	31·3	31·9	31·9	31·7	31·7	31·2	31·2	31·1	31·1	31·0	31·0	31·0	31·0	31·7	31·7	31·8	31·8	32·0	32·0	19
20	33·5	33·5	31·5	32·0	29·9	29·9	29·8	29·8	29·0	29·0	28·5	28·5	28·2	28·2	29·0	29·0	28·8	28·8	29·0	29·0	29·8	29·8	30·2	30·2	20
21	36·2	36·2	36·3	36·3	36·1	36·1	37·0	37·0	37·1	37·1	36·7	36·7	35·1	35·1	35·0	35·0	35·9	35·9	36·0	36·0	36·8	36·8	36·1	36·1	21
22	29·2	29·2	28·9	28·9	28·7	28·7	28·8	28·8	28·5	28·5	28·3	28·3	28·2	28·2	28·3	28·3	28·7	28·7	28·6	28·6	29·5	29·5	29·0	29·0	22
23	28·0	28·0	27·3	27·3	26·8	26·8	27·1	27·1	26·2	26·2	25·8	25·8	25·8	25·8	28·0	28·0	27·2	27·5	26·0	26·0	27·0	27·1	27·4	27·4	23
24	26·2	26·2	26·5	26·7	26·4	26·7	26·3	26·3	27·0	27·0	27·0	27·0	26·4	26·4	26·3	26·3	26·9	26·9	27·3	27·4	27·8	28·0	29·2	29·2	24
25	33·2	33·2	33·3	33·5	33·3	33·3	33·3	33·3	32·9	33·0	32·9	33·0	32·8	32·8	32·9	33·0	30·3	31·0	30·1	30·3	30·9	31·2	31·1	31·2	25
26	29·9	29·9	29·9	29·9	30·2	30·2	30·3	30·5	30·0	30·1	29·9	30·0	29·9	30·0	30·1	30·3	30·6	30·9	29·9	30·0	30·2	30·3	30·7	30·8	26
27	28·5	28·8	28·2	28·3	28·5	28·7	27·2	27·3	27·3	27·4	27·7	27·8	28·4	28·4	28·8	28·9	29·2	29·3	29·9	30·0	30·4	30·5	30·3	30·4	27
28	30·6	30·8	30·9	30·9	28·2	28·3	27·7	27·8	27·3	27·5	27·6	27·2	27·6	27·6	28·7	28·7	28·4	28·4	28·6	28·6	28·9	28·9	29·4	29·4	28
29	31·4	31·9	31·4	31·4	30·4	30·4	30·0	30·0	29·5	29·5	29·2	29·2	29·1	29·1	29·9	29·9	30·3	30·3	31·0	31·1	31·7	31·3	32·0	31·4	29
30	30·0	30·0	29·6	29·6	29·9	29·9	29·3	29·3	29·0	29·0	29·0	29·0	30·0	30·0	29·4	29·4	30·2	30·2	30·2	30·2	29·9	29·9	30·3	30·3	30
31																									31
Means.	26·4	26·1	26·2	26·0	26·2	25·9	25·9	25·6	25·6	25·4	25·4	25·1	25·6	25·2	26·0	25·6	26·3	25·9	26·8	26·5	27·4	27·0	27·6	27·3	Means.

APRIL 1885.

TEMPERATURE—DRY AND WET BULBS.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	19·5	19·4	18·7	18·9	18·9	19·0	17·9	17·9	17·8	17·8	17·0	17·0	16·3	16·2	17·2	17·2	17·0	17·0	16·1	16·1	15·9	15·9	15·3	15·3	19·2	19·2	1
2	20·3	20·3	20·8	20·6	20·2	20·2	20·7	20·7	20·9	20·9	21·1	21·1	21·3	21·3	21·6	21·6	22·2	22·2	22·4	22·4	22·2	22·2	22·4	22·4	18·7	18·7	2
3	26·6	26·6	25·3	25·3	25·3	25·3	25·6	25·7	25·6	25·6	25·1	25·1	25·2	25·2	25·0	25·0	24·3	24·3	24·3	24·3	24·2	24·2	24·2	24·2	24·7	24·7	3
4	24·8	24·5	23·0	21·9	24·4	23·9	24·1	22·1	23·9	22·9	22·7	21·5	22·3	21·2	21·3	20·2	22·5	20·1	22·2	20·7	23·0	21·2	21·2	19·1	22·7	22·0	4
5	19·6	19·6	19·7	19·8	19·1	19·1	19·6	19·7	18·8	18·8	18·2	18·2	18·7	18·7	18·3	18·3	19·3	19·3	19·1	19·1	17·2	17·2	17·4	17·4	19·5	19·4	5
6	27·0	27·0	27·1	27·1	26·1	26·1	26·3	26·3	26·1	26·1	26·0	26·0	25·8	25·8	25·4	25·4	25·3	25·3	25·3	25·3	25·1	25·1	25·2	25·2	23·8	23·8	6
7	23·8	23·3	25·0	24·2	25·0	24·2	25·0	24·2	24·3	23·9	24·0	23·0	22·9	22·0	22·9	22·3	22·7	22·0	21·5	21·6	19·8	19·8	19·3	18·2	23·7	23·3	7
8	23·1	22·5	23·2	22·8	23·1	22·1	23·6	22·8	23·7	23·0	23·0	22·8	22·2	22·2	21·3	21·4	21·0	20·5	20·6	20·7	20·2	20·1	20·6	20·6	21·8	20·6	8
9	23·0	22·6	23·6	23 1	24·0	23·9	23·6	23·7	24·0	24·0	23·9	23·9	23·7	23·7	23·9	23·9	23·9	23·9	24·0	24·0	23·4	23·5	23·4	23·4	22·4	22·4	9
10	28·4	28·4	28·5	28·6	28·3	28·3	29·0	29·0	28·0	28·1	27·7	27·7	27·0	27·0	24·9	25·0	24·2	24·2	23·3	23·3	22·9	22·9	23·0	23·0	25·7	25·7	10
11	26·9	26·9	27·1	27 1	26·6	26·4	26·0	25·9	25·3	25·2	25·2	25·0	24·9	24·6	24·6	23·9	24·3	23·3	23·3	22·1	23·1	21·6	23·2	22·0	25·5	25·2	11
12	26·0	25·0	25·9	25·6	26·0	26·0	25·4	25·4	25·4	25·4	25·1	25·0	24·4	24·0	25·0	23·3	25·0	23·1	24·3	23·1	24·3	22·8	23·9	22·5	24·2	23·6	12
13	27·3	25·4	28·3	26·2	27·8	26·0	27·7	25·6	27·5	25·8	27·0	25·1	26·8	25·3	26·3	25·0	26·1	24·2	25·9	24·3	25·6	24·2	26·0	24·1	25·9	24·4	13
14	27·4	26·1	29·0	27·8	29·0	27·1	28·6	27·0	27·9	26·3	27·6	26·4	27·0	26·1	27·0	26·0	27·0	26·0	26·6	25·4	26·4	25·6	26·3	25·7	26·8	25·4	14
15	27·5	25·8	27·5	25·8	27·0	25·6	26·4	26·0	26·2	25·8	25·6	25·3	25·6	24·9	25·7	24·3	25·3	24·4	25·2	23·7	25·3	23·9	25·1	23·5	26·3	24·9	15
16	28·1	26·5	28·8	26·7	28·9	27·2	29·1	27·4	29·0	27·8	29·0	27·4	28·0	26·0	27·9	25·9	27·0	24·8	27·1	25·3	26·6	24·7	26·9	25·2	26·5	24·9	16
17	32·1	30·4	33·4	31·8	33·5	31·9	33·7	32·1	33·7	32·2	33·8	32·4	33·5	32·0	33·6	31·7	33·0	31·1	31·9	30·0	32·0	31·3	30·9	30·9	30·8	29·0	17
18	31·9	31·9	31·3	31·3	31·2	31·2	31·6	31·2	31·0	30·3	30·0	29·0	31·1	30·2	32·0	30·0	32·6	30·9	31·1	30·7	32·0	32·0	32·1	31·7	31·1	30·8	18
19	32·1	32·1	32·9	32·9	32·3	32·3	34·0	34·0	35·0	35·0	35·0	35·0	35·2	34·7	35·4	34·9	35·3	33·7	33·2	33·1	32·0	32·0	33·0	33·0	32·6	32·5	19
20	31·2	31·2	28·1	28·0	30·0	29·7	33·0	32·1	36·8	36·8	37·2	37·3	37·1	37·1	36·5	36·5	36·0	36·0	36·2	36·2	36·2	36·2	35·8	35·8	32·1	32·1	20
21	35·3	35·3	34·0	34·0	32·3	32·3	32·0	32·0	31·3	31·8	31·0	31·0	31·0	31·0	31·0	31·0	30·6	30·6	30·1	30·1	29·6	29·6	29·7	29·7	33·8	33·9	21
22	29·0	29·0	29·3	29·3	28·7	28·9	28·0	28·0	28·3	28·3	28·0	28·0	27·8	27·8	27·2	27·2	27·1	27·1	28·0	28·0	28·0	28·0	28·0	28·0	28·4	28·4	22
23	31·6	30·0	31·8	29·7	29·0	28·0	30·3	28·2	29·2	27·8	28·3	27·8	27·0	27·0	26·6	27·0	26·3	26·3	26·1	24·3	26·3	25·2	26·4	26·4	27·6	27·5	23
24	28·4	28·6	28·5	28·5	29·3	29·3	29·4	29·5	30·7	30·8	31·7	31·7	32·0	32·0	32·5	32·2	33·5	33·7	33·1	33·2	33·1	33·3	33·0	33·0	29·1	29·2	24
25	31·2	31·3	31·0	31·2	31·3	31·3	31·2	31·4	31·7	31·8	31·7	31·7	31·2	31·3	31·4	31·7	31·3	31·3	30·9	31·0	30·1	30·1	30·3	30·3	31·7	31·8	25
26	31·6	31·6	31·5	31·5	31·8	32·0	31·9	32·0	31·9	32·0	31·2	31·1	29·4	29·5	30·2	30·4	30·3	30·5	29·9	29·9	29·9	30·0	29·4	29·4	30·4	30·5	26
27	29·9	30·0	29·6	30·0	30·1	30·3	30·3	30·6	29·9	30 0	28·9	29·2	28·3	28·5	28·7	28·9	29·2	29·4	30·2	30·3	30·1	30·3	30·2	30·5	29·2	29·3	27
28	29·9	29·9	30·3	30·3	30·8	30·8	30·7	30·7	31·1	31·1	31·3	31·3	31·9	31·9	32·6	32·0	32·2	32·0	32·1	32·1	32·1	32·1	32·0	32·0	30·0	30·0	28
29	31·6	31·1	32·1	32·0	31·7	31·2	32·0	31·5	32·2	31·9	31·8	31·6	31·6	31·5	31·8	31·8	30·9	31·0	30·9	31·0	30·0	30·0	30·0	30·1	30·9	30·8	29
30	31·0	31·0	32·0	31·4	32·1	32·0	32·6	31·7	32·8	31·8	32·0	31·0	31·0	29·8	31·8	31·0	31·4	31·2	30·6	30·3	29·8	29·1	29·3	28·8	30·6	30·2	30
31																											31
MEANS.	27·9	27·4	27·9	27·4	27·8	27·4	28·0	27·5	28·0	27·6	27·7	27·3	27·3	27·0	27·3	26·8	27·2	26·6	26·8	26·4	26·5	26·1	26·4	26·0	26·9	26·5	MEANS.

MAY 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	29·7	29·0	29·7	29·0	29·0	28·4	28·5	28·5	30·4	30·4	30·4	30·4	30·3	30·3	30·3	30·3	31·0	31·0	31·1	31·1	31·0	31·0	31·3	31·3	1
2	29·1	29·1	29·7	29·7	29·7	29·7	29·7	29·7	30·4	30·4	30·2	30·2	29·7	29·7	29·7	29·7	28·9	28·9	29·4	29·4	30·4	30·4	31·3	31·3	2
3	28·8	28·8	28·7	28·7	28·4	28·5	28·3	28·3	28·7	28·7	29·0	29·0	29·0	29·0	29·3	29·3	28·2	28·3	28·3	28·3	28·3	28·3	28·0	28·0	3
4	23·1	23·1	23·1	23·1	22·9	22·9	22·9	22·9	22·8	22·7	22·3	22·3	22·2	22·2	22·2	22·2	22·2	22·2	23·1	23·2	23·3	23·3	23·3	23·3	4
5	19·4	19·4	19·9	19·9	20·6	20·6	20·8	20·8	21·1	21·1	21·5	21·5	20·1	20·2	20·9	20·9	21·1	21·1	21·8	21·8	22·3	22·3	24·1	23·8	5
6	18·1	18·1	17·1	17·3	16·9	16·9	16·7	16·8	16·4	16·4	16·4	16·4	16·7	17·0	18·2	18·2	19·2	19·2	18·9	19·0	20·3	20·3	22·3	22·2	6
7	17·8	17·8	17·5	17·6	17·1	17·1	17·3	17·3	18·0	18·0	18·8	18·9	18·7	18·7	20·8	20·9	23·0	23·1	21·5	21·4	21·1	21·1	23·0	22·0	7
8	18·3	18·3	18·7	18·7	18·6	18·6	18·9	18·9	19·2	19·2	19·2	19·2	19·5	19·5	20·1	20·1	20·3	20·3	21·0	21·0	22·2	22·2	22·0	21·9	8
9	22·1	22·1	22·3	22·3	22·9	22·9	20·9	21·0	20·6	20·6	18·9	19·0	20·0	20·0	17·9	17·3	21·0	21·0	23·4	23·3	22·0	22·0	23·1	23·0	9
10	19·0	19·0	17·2	17·2	17·1	17·1	18·4	18·4	19·2	19·2	20·0	20·1	20·2	20·2	20·9	20·9	20·8	20·9	22·0	21·9	24·1	24·2	22·1	22·1	10
11	22·9	22·9	22·9	22·9	23·0	23·0	22·7	22·7	22·5	22·6	22·5	22·5	22·8	22·8	23·0	23·0	22·5	22·6	23·0	23·1	23·7	23·7	24·1	24·0	11
12	20·3	19·1	20·9	19·1	21·1	19·8	20·0	19·0	20·9	20·9	22·0	22·0	23·2	23·2	23·6	23·6	24·3	24·3	25·4	25·4	25·2	25·2	26·0	26·0	12
13	23·9	24·0	24·5	24·5	24·0	24·0	22·8	22·8	23·3	22·7	24·0	23·0	24·8	23·3	25·0	23·8	25·2	24·0	26·4	25·4	27·3	26·5	29·0	27·6	13
14	26·0	26·0	26·0	26·0	25·5	25·5	25·1	25·1	23·4	23·5	24·4	24·4	25·0	25·0	24·9	24·9	24·1	24·1	25·4	25·4	27·0	27·0	27·2	27·2	14
15	23·7	23·8	23·2	23·2	24·0	24·0	23·8	23·8	23·2	23·2	24·1	24·1	26·4	26·4	27·6	27·6	28·5	28·6	29·9	29·9	30·7	30·7	30·9	30·9	15
16	23·1	23·1	23·0	23·0	23·9	23·9	23·8	23·8	24·4	24·3	24·8	24·8	25·4	25·4	26·1	26·1	26·5	26·5	27·1	27·1	27·1	27·1	28·0	28·0	16
17	24·3	24·3	24·5	24·5	25·0	25·0	25·3	25·3	26·1	26·1	26·4	26·4	26·4	26·4	27·0	27·0	26·6	26·6	28·1	28·1	29·0	29·0	29·1	29·1	17
18	23·1	23·0	22·1	22·1	22·3	22·3	21·9	22·0	21·7	21·7	21·3	21·3	21·8	21·8	21·6	21·6	22·9	22·9	24·0	24·0	23·3	23·0	24·9	23·7	18
19	23·9	23·9	23·8	23·8	23·6	23·7	23·1	23·1	23·1	23·1	23·4	23·6	23·2	23·4	23·8	24·0	24·4	24·7	24·2	24·4	24·8	25·0	24·8	24·9	19
20	27·9	28·0	27·8	27·8	26·9	26·9	26·9	26·9	26·8	26·8	27·0	27·0	27·6	27·7	27·8	27·9	27·9	28·0	27·7	27·9	27·9	27·9	28·5	28·5	20
21	27·0	27·0	27·2	27·2	27·2	27·2	27·3	27·3	28·0	28·0	28·0	28·0	28·4	28·4	29·9	30·0	31·0	31·1	31·8	31·8	30·8	31·3	29·9	30·0	21
22	27·5	27·5	27·3	27·3	27·5	27·5	27·8	27·8	27·8	27·8	28·0	28·0	28·7	28·7	28·8	28·8	29·7	29·7	30·0	30·0	31·0	31·0	30·1	30·1	22
23	25·2	24·4	26·9	24·7	27·1	25·1	26·3	24·1	28·0	25·9	30·1	27·2	29·2	27·0	28·2	26·2	30·1	27·5	30·8	29·2	31·4	29·7	33·5	31·4	23
24	30·0	30·0	30·0	30·0	29·6	29·6	29·2	29·2	29·1	29·1	29·6	29·6	29·8	29·8	30·1	30·1	30·2	30·2	30·8	30·8	32·0	31·6	31·8	31·8	24
25	28·2	28·2	29·0	28·9	29·0	29·0	28·0	28·0	27·2	27·2	28·0	28·0	28·1	28·1	28·3	28·3	28·2	28·2	28·6	28·6	29·6	29·6	30·1	30·1	25
26	27·5	27·5	27·9	27·9	24·6	24·6	26·8	26·0	29·0	27·0	30·1	29·8	32·0	31·8	32·0	32·0	31·2	31·8	32·0	31·8	32·3	31·9	33·1	32·9	26
27	32·2	32·2	32·9	32·9	33·2	33·2	34·1	34·0	33·4	33·4	33·0	33·0	33·7	33·7	34·1	34·1	35·1	35·1	35·3	35·3	36·3	36·3	37·0	37·0	27
28	35·0	35·0	35·0	35·0	35·3	35·3	36·0	36·0	36·0	36·0	36·2	36·2	36·0	36·0	36·3	36·3	36·2	36·2	34·8	34·7	35·1	35·0	35·1	35·1	28
29	34·2	34·2	33·8	33·9	33·1	33·1	33·1	33·1	33·0	33·0	32·7	32·7	32·6	32·6	32·7	32·7	33·1	33·1	33·7	33·7	33·0	33·0	33·4	33·4	29
30	28·0	28·0	28·0	28·0	28·2	28·2	29·1	29·1	28·9	29·0	29·3	29·4	29·7	29·8	30·7	30·9	31·0	31·0	31·9	31·8	32·0	32·0	32·0	32·0	30
31	31·9	32·0	31·9	32·0	31·8	31·9	31·8	31·9	31·1	31·2	31·1	31·2	31·9	31·9	32·0	32·0	32·0	32·0	32·0	32·0	32·6	32·3	33·5	33·5	31
Means.	25·5	25·4	25·6	25·4	25·5	25·3	25·4	25·3	25·6	25·5	25·9	25·8	26·2	26·1	26·6	26·5	27·0	26·9	27·5	27·4	28·0	27·9	28·5	28·3	Means.

MAY 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	30·0	30·0	29·6	29·6	28·2	28·2	27·8	27·8	27·7	27·7	26·8	26·7	26·7	26·6	26·9	26·9	27·1	27·1	27·3	27·3	27·8	27·8	28·6	28·6	29·1	29·0	1
2	30·7	30·7	31·3	31·3	32·0	31·9	31·9	31·8	31·7	31·9	31·7	31·7	31·3	31·3	31·0	31·0	30·0	30·0	29·5	29·6	29·0	29·0	28·8	28·8	30·3	30·3	2
3	28·0	28·0	27·1	27·1	27·2	27·2	27·0	27·0	26·3	26·2	26·0	25·9	27·0	27·0	25·1	25·1	24·5	24·5	24·3	24·3	23·9	23·9	23·3	23·3	27·2	27·2	3
4	23·6	23·6	24·2	24·2	23·7	23·7	23·4	23·5	23·7	23·7	23·5	23·6	23·1	23·1	22·2	22·2	20·9	20·9	20·8	20·8	19·4	19·4	19·1	19·1	22·5	22·6	4
5	23·5	23·4	24·1	24·0	21·1	21·0	22·7	22·7	22·1	22·1	20·9	21·0	20·1	20·1	20·7	20·7	19·8	19·9	19·6	19·6	19·8	19·8	18·9	18·9	21·1	21·1	5
6	21·1	21·1	21·1	21·1	20·0	20·0	20·3	20·3	20·3	20·3	20·1	20·1	20·1	20·1	19·9	19·9	18·9	18·9	18·4	18·4	18·4	18·4	17·9	17·9	18·9	18·9	6
7	22·1	22·1	21·8	21·5	22·3	21·9	23·0	21·9	22·4	21·8	21·9	21·9	21·3	21·0	20·9	20·9	20·0	20·0	19·0	19·0	18·4	18·9	17·7	17·7	20·6	20·1	7
8	23·2	23·1	22·4	22·5	23·1	23·1	23·0	23·0	23·1	23·1	23·0	23·0	22·3	22·3	21·9	21·9	21·8	21·8	21·9	21·9	22·0	22·0	21·9	21·9	21·2	21·1	8
9	22·9	22·0	22·8	22·0	22·4	22·4	22·9	22·9	23·0	23·0	21·1	21·1	21·0	21·0	20·0	20·0	19·9	19·9	19·1	19·1	18·9	18·9	18·6	18·6	21·2	21·1	9
10	21·0	21·0	23·9	23·9	24·1	24·1	23·1	22·9	22·7	22·7	23·3	23·3	23·3	23·3	23·1	23·1	23·2	23·2	22·5	22·6	23·0	23·0	22·9	22·9	21·5	21·6	10
11	22·3	21·7	22·1	21·2	22·1	21·6	22·7	22·0	22·0	21·3	21·2	20·7	20·9	20·2	20·1	20·0	20·1	20·0	19·9	19·9	19·9	19·9	20·0	19·8	22·0	21·8	11
12	25·9	26·0	26·1	26·1	28·0	28·0	26·3	26·3	26·2	26·2	26·0	26·0	24·8	24·8	24·3	24·3	24·0	24·0	23·9	23·9	24·0	24·0	23·3	23·4	24·0	23·8	12
13	30·0	29·0	29·0	28·0	31·1	29·1	30·3	28·6	27·0	27·0	27·3	27·2	27·1	27·0	27·1	27·1	26·8	26·8	26·3	26·3	25·2	25·1	25·9	25·2	26·4	25·8	13
14	27·0	27·0	28·4	28·4	27·2	27·2	28·4	28·4	27·2	27·2	26·9	26·9	26·0	26·0	25·1	25·1	25·2	25·2	24·9	24·9	24·8	24·9	23·9	24·0	25·8	25·8	14
15	31·2	31·2	30·0	30·1	29·3	29·3	29·0	29·0	28·6	28·7	26·9	26·9	27·3	27·3	26·8	26·8	27·0	27·0	24·0	24·0	24·0	24·0	23·5	23·5	26·8	26·8	15
16	27·7	27·7	28·8	28·9	28·9	29·0	29·1	29·1	29·0	29·0	29·0	29·0	28·2	28·3	28·0	28·0	27·1	27·1	26·1	26·1	25·1	25·1	24·3	24·3	26·4	26·4	16
17	28·2	28·2	28·3	28·4	28·5	28·5	27·8	27·8	26·9	26·9	26·1	26·1	25·0	25·0	23·9	23·9	22·9	22·9	22·1	22·1	22·1	22·1	22·3	22·3	25·9	25·9	17
18	24·8	24·4	24·8	25·0	26·0	24·8	26·0	25·2	25·8	25·1	25·4	24·7	24·5	23·8	24·0	24·0	24·0	24·0	23·6	23·7	23·8	23·8	23·9	23·9	23·6	23·4	18
19	26·4	26·4	27·0	26·8	27·0	26·0	27·2	26·8	27·2	26·8	26·7	26·7	27·1	27·2	28·8	28·9	27·9	28·0	28·0	28·0	27·9	27·9	28·0	28·0	25·6	25·6	19
20	28·7	28·8	28·8	28·9	28·9	29·0	28·9	29·0	28·9	29·0	28·1	28·2	27·7	27·8	27·1	27·2	27·2	27·3	27·2	27·2	27·1	27·1	27·2	27·2	27·8	27·8	20
21	29·9	30·0	30·0	30·0	30·1	30·2	29·9	30·0	29·9	30·0	29·9	30·0	29·5	29·5	29·0	29·1	28·9	28·9	28·6	28·6	27·9	27·9	27·6	27·7	29·1	29·1	21
22	29·5	29·5	30·8	31·1	29·7	29·8	29·9	29·9	29·9	29·9	28·9	28·9	28·3	28·3	28·4	28·4	28·0	28·0	26·9	26·9	26·0	26·0	24·8	24·7	28·6	28·6	22
23	30·6	29·9	30·1	30·0	30·0	29·9	30·8	30·7	31·5	31·5	30·3	30·3	30·6	30·5	30·9	30·9	31·0	31·0	30·4	30·4	30·1	30·1	30·0	30·0	29·7	28·6	23
24	31·9	31·9	32·0	32·0	32·0	32·0	32·0	32·0	31·1	31·3	31·2	31·2	30·6	30·6	30·5	30·5	30·1	30·1	29·9	29·9	29·0	28·9	29·0	29·0	30·5	30·5	24
25	30·0	30·0	31·0	31·0	31·0	31·0	31·0	31·0	31·0	31·0	30·8	30·8	30·8	30·8	30·1	30·1	28·9	28·9	29·0	29·0	28·9	28·9	29·4	29·3	29·3	29·3	25
26	34·0	33·4	35·0	34·8	35·2	34·8	35·3	35·0	35·2	35·2	35·0	35·0	34·8	34·8	34·0	34·0	33·4	33·4	32·4	32·5	32·0	32·0	32·0	32·0	32·0	31·7	26
27	36·8	36·8	37·9	37·9	37·8	37·8	36·8	36·8	37·4	37·4	37·8	37·8	37·0	37·0	36·0	36·0	35·8	35·8	35·5	35·5	35·0	35·0	34·9	34·9	35·4	35·4	27
28	35·3	35·3	36·0	36·0	36·2	36·0	36·8	35·9	35·9	35·6	36·0	35·7	35·4	35·2	35·0	35·0	35·0	35·0	35·1	35·2	34·9	34·9	34·8	34·8	35·6	35·5	28
29	33·9	33·9	33·6	33·6	33·9	33·9	33·1	33·1	32·6	32·6	31·8	32·0	29·5	29·5	28·9	28·9	28·9	28·9	29·0	29·0	29·1	29·1	28·0	28·0	32·1	32·1	29
30	32·0	32·0	32·2	32·0	32·1	32·2	32·1	32·1	32·5	32·5	32·8	32·8	32·7	32·7	31·9	32·0	31·9	32·0	31·9	32·0	32·0	32·0	32·0	32·0	31·0	31·1	30
31	33·3	33·3	33·5	33·5	33·5	33·5	33·2	33·2	33·2	33·3	32·9	32·9	32·5	32·5	32·9	33·0	31·7	32·0	31·9	32·0	31·9	31·9	31·9	32·0	32·3	32·4	31
Means.	28·2	28·1	28·5	28·4	28·5	28·3	28·4	28·2	28·1	28·1	27·7	27·7	27·3	27·2	26·9	26·9	26·5	26·5	26·1	26·1	25·8	25·9	25·7	25·6	26·9	26·8	Means.

JUNE 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	31·8	31·8	31·9	31·9	31·4	31·4	31·0	31·2	31·3	31·3	31·5	31·5	31·0	31·1	31·2	31·2	32·0	32·0	32·0	32·0	32·3	32·0	33·8	32·9	1
2	34·9	34·9	35·9	36·0	36·3	36·3	39·2	39·2	38·4	38·5	37·9	38·0	36·7	36·8	37·3	37·4	37·8	38·0	37·7	37·9	37·9	38·1	38·2	38·3	2
3	39·0	39·1	39·2	39 2	38·0	38·1	39·3	39·3	39·1	39·1	40·3	40·3	41·0	41·1	40·9	41·0	41·1	41·1	39·9	39·9	38·2	38·3	38·0	38·1	3
4	37·9	38·1	37·7	37·7	36·2	36·2	35·2	35·2	34·5	34·5	34·7	34·7	34·1	34·1	34·4	34·4	35·0	35·1	35·8	35·9	36·0	36·0	36·9	36·9	4
5	42·6	42·6	42·1	42·2	40·9	41·1	39·9	40·1	39·6	39·6	39·6	39·6	39·1	39·2	37·0	37·0	36·3	36·3	35·0	35·0	34·2	34·3	34·5	34·5	5
6	27·2	27·2	27·1	27 1	26·3	26·3	26·9	26·9	26·3	26·4	26·5	26·5	27·0	27·0	28·5	28·7	29·2	29·2	29·0	29·0	30·2	30·2	30·7	30·7	6
7	31·9	27·5	32·9	28·3	33·6	29·1	33·0	27·3	33·0	28·2	33·7	31·8	36·0	32·0	38·0	35·0	40·2	37·1	34·5	34·5	34·4	34·3	34·5	34·4	7
8	34·9	33·5	35·0	31·0	34·7	32·2	35·9	31·2	36·3	31·3	36·0	30·1	36·7	29·3	35·9	29·3	36·0	34·2	36·0	34·2	37·0	33·1	38·0	36·8	8
9	34·5	34·1	34·0	34·0	34·5	33·8	33·1	33·1	31·0	31·0	29·0	29·2	28·0	28·0	27·0	27·0	28·0	28·0	29·0	28·9	29·3	29·3	28·6	28·6	9
10	26·1	26·1	25·9	25·9	25·9	25·9	26·3	23·5	26·1	25·0	27·1	23·8	30·3	24·3	31·0	27·9	32·0	29·9	32·0	30·0	32·4	30·0	34·2	30·5	10
11	33·1	30·8	33·0	31·8	33·3	32·1	33·5	32·3	33·0	32·7	33·0	33·0	33·6	33·6	35·0	35·0	35·8	35·8	37·8	37·8	38·0	38·0	38·0	38·0	11
12	39·9	39·9	39·9	39·9	39·2	39·2	36·8	36·3	37·0	35·8	38·3	34·8	41·0	34·0	40·1	34·6	38·0	36·0	37·0	36·7	37·3	37·3	37·8	37·8	12
13	36·4	36·4	37·0	37·0	36·9	36·9	37·1	37·1	37·2	37·2	37·6	37·6	38·0	38·0	38·2	38·0	38·3	38·3	39·0	39·0	40·0	40·0	40·0	40·0	13
14	35·0	34·1	34·5	31·	34·0	33·1	32·8	31·2	32·2	31·7	32·0	32·0	32·0	32·0	32·3	32·0	33·2	33·0	34·0	33·3	36·0	34·7	36·2	35·2	14
15	30·9	30·9	30·3	30·5	29·9	29·9	29·9	29·9	30·2	30·2	30·0	30·0	30·0	30·0	30·8	30·8	30·0	30·0	31·0	30·8	31·9	31·3	32·9	32·0	15
16	31·1	31·0	31·0	30·5	31·0	30·8	31·0	31·0	31·9	31·9	32·1	32·0	32·8	32·0	33·0	32·0	33·4	33·4	34·2	34·2	35·4	35·1	36·3	35·3	16
17	34·9	35·0	34·9	34·9	34·8	34·8	33·9	33·8	33·9	33·9	33·8	33·8	33·9	33·9	33·7	33·7	33·9	33·9	34·0	34·0	35·2	35·0	36·0	34·9	17
18	31·8	32·0	32·0	32·0	32·0	32·0	32·1	32·0	32·1	32·1	32·2	32·1	32·1	32·1	33·0	33·0	33·6	33·6	34·1	34·1	34·8	34·8	35·2	35·2	18
19	36·9	36·9	35·8	35·8	34·9	35·0	34·2	34·2	33·3	33·3	32·6	32·6	32·8	32·8	32·3	32·3	32·5	32·5	33·2	33·2	33·5	33·5	34·0	34·0	19
20	35·8	35·9	35·0	35·0	34·9	31·9	33·0	33·0	32·2	32·2	32·0	32·0	32·0	32·0	32·0	32·0	33·0	33·0	34·0	34·0	35·2	35·2	36·3	36·3	20
21	30·0	30·0	29·5	29·5	30·4	30·4	30·2	30·2	30·3	30·3	30·1	30·1	30·2	30·2	30·3	30·3	30·4	30·4	30·3	30·3	31·0	31·0	31·7	31·7	21
22	32·0	32·0	32·0	32·0	32·0	32·0	31·9	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	33·0	33·0	33·4	33·4	34·0	34·0	34·3	34·3	22
23	29·3	29·3	29·1	29·1	29·9	29·9	29·6	29·6	30·0	30·0	30·0	30·0	30·0	30·0	30·4	30·4	30·0	30·0	31·0	31·0	30·5	30·5	31·3	31·3	23
24	30·0	30·0	30·0	30·0	30·0	30·0	30·0	30·0	29·9	29·9	30·0	30·0	30·5	30·5	30·8	30·8	31·0	31·0	31·8	31·7	34·6	33·2	35·7	33·7	24
25	30·8	27·0	30·8	26·8	29·9	27·2	30·0	27·9	30·9	27·8	32·1	28·6	33·6	30·4	33·9	32·9	34·6	32·0	36·2	34·4	35·0	32·9	36·0	33·8	25
26	33·1	33·0	33·7	33·3	33·9	33·9	33·9	33·9	34·0	34·0	34·0	34·0	34·7	33·9	34·7	34·0	37·0	34·8	39·6	35·0	41·2	39·1	39·9	39·1	26
27	45·0	44·3	45·7	45·2	45·6	45·4	46·4	45·8	46·3	46·3	46·9	46·9	46·9	46·9	48·2	47·3	48·2	47·1	48·3	47·1	49·6	47·4	50·3	47·9	27
28	48·0	46·5	47·8	46·1	48·0	46·5	48·2	46·8	48·7	48·0	48·4	48·0	48·3	47·9	48·6	48·0	48·0	46·8	47·5	46·8	47·7	47·2	48·4	47·3	28
29	42·0	40·0	39·8	39·7	39·0	39·0	38·1	38·1	37·5	37·5	36·3	36·3	36·9	36·9	35·5	35·5	36·0	36·0	34·7	34·7	34·7	34·7	36·1	36·1	29
30	30·5	30·9	31·3	31·1	31·9	31·9	32·0	32·0	30·8	31·0	30·0	30·1	30·5	30·5	30·0	30·0	31·5	31·3	32·0	31·8	32·2	32·0	32·2	32·0	30
31																									31
Means.	34·6	34·0	34·5	34·2	34·3	33·8	34·1	33·5	34·0	33·4	34·0	33·4	34·4	33·4	34·5	33·8	35·0	34·4	35·1	34·7	35·6	35·1	36·2	35·6	Means.

JUNE 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	33·9	33·9	33·9	33·8	34·4	34·2	34·0	33·9	34·2	34·1	33·1	33·1	33·1	33·1	31·9	31·8	33·7	31·2	34·3	31·5	34·2	32·0	35·0	32·2	32·8	32·3	1
2	37·9	38·1	37·1	37·2	36·9	36·9	36·2	36·2	36·2	36·2	36·0	36·0	36·1	36·1	36·1	36·1	36·0	36·0	37·2	37·2	37·7	37·8	38·6	38·6	37·1	37·2	2
3	37·9	38·1	38·7	38·7	38·9	38·9	38·5	38·6	39·1	39·2	40·7	40·8	40·9	41·0	41·1	41·2	40·7	40·8	39·9	40·0	38·8	38·9	38·0	38·1	39·5	39·5	3
4	36·2	36·2	37·0	37·0	35·9	35·9	36·9	37·0	38·0	38·0	39·8	39·8	39·7	39·8	39·9	40·0	38·9	39·0	39·1	39·1	39·9	40·0	40·8	40·9	37·1	37·1	4
5	32·7	32·7	32·6	32·8	32·0	32·0	32·7	32·8	31·9	32·0	31·7	32·0	31·7	31·9	31·3	31·4	30·7	30·9	30·0	30·1	29·9	30·0	29·0	29·1	34·9	35·0	5
6	32·2	32·0	32·6	32·0	35·1	32·8	36·1	33·0	37·0	34·3	36·4	33·5	35·9	33·2	34·5	30·8	32·8	29·7	32·2	29·1	32·1	27·3	32·1	27·3	31·0	29·6	6
7	34·4	34·4	35·8	35·5	36·2	35·9	37·9	36·0	36·9	35·8	36·7	35·2	36·0	35·1	35·2	34·8	35·1	34·4	35·5	34·8	35·2	34·1	35·1	34·0	35·2	33·3	7
8	39·0	35·7	41·0	37·8	41·7	37·9	42·5	38·8	41·1	37·4	41·0	38·2	38·3	38·0	36·1	35·1	35·3	33·7	35·6	34·0	35·0	33·1	34·8	32·1	37·2	34·1	8
9	28·9	27·6	28·4	28·4	29·2	27·3	30·0	28·0	30·3	28·6	31·2	29·4	29·5	28·2	28·8	28·0	27·9	27·9	28·0	28·0	27·1	27·1	26·3	26·3	29·6	29·2	9
10	35·0	32·8	34·5	30·9	35·8	32·0	37·9	33·9	36·0	32·0	35·1	31·0	34·9	31·7	33·9	31·8	33·3	30·8	33·1	27·0	33·8	29·1	33·0	30·1	31·9	29·0	10
11	38·1	38·1	38·9	38·9	40·0	39·9	38·8	38·8	39·2	39·2	37·2	37·2	36·3	35·2	37·8	35·0	37·9	36·7	38·4	36·0	37·5	35·8	39·2	39·1	36·5	35·9	11
12	38·3	38·2	38·9	38·8	39·0	38·9	39·0	38·9	38·6	38·5	38·3	38·3	37·1	37·0	37·2	37·0	37·5	37·0	37·7	37·7	37·8	37·8	37·2	37·2	38·3	37·4	12
13	40·9	40·9	41·0	40·8	40·0	39·9	39·7	39·6	38·9	38·6	38·0	38·0	37·3	35·4	37·3	34·3	37·2	33·0	37·1	33·2	36·0	32·3	35·6	31·1	38·1	37·2	13
14	36·0	35·0	35·9	35·2	37·0	36·0	36·0	35·2	35·0	34·6	34·3	33·4	33·2	33·1	32·9	32·9	32·3	32·3	32·1	32·1	30·9	31·0	30·9	32·0	33·8	33·2	14
15	33·1	32·0	33·6	32·0	33·7	32·7	32·6	32·2	32·9	32·9	32·5	32·3	32·7	32·7	32·0	32·0	31·1	31·1	30·9	31·0	30·9	31·0	30·9	30·8	31·4	31·2	15
16	36·9	35·1	38·0	35·8	38·5	36·2	38·3	35·8	38·7	37·0	37·8	37·0	36·7	36·7	36·0	36·0	35·5	35·5	35·3	35·4	36·0	36·0	34·8	34·8	34·8	34·2	16
17	34·4	34·4	34·0	32·0	33·8	33·5	33·8	33·1	33·8	33·3	34·6	34·6	34·0	34·0	32·3	32·3	32·0	32·0	32·1	32·1	32·0	32·1	32·0	32·1	33·8	33·6	17
18	36·1	36·1	36·8	36·7	37·5	37·5	39·0	39·0	39·2	39·2	39·1	39·1	39·0	39·0	38·9	38·9	38·0	38·0	37·3	37·3	36·4	36·4	36·3	36·3	35·4	35·4	18
19	34·0	34·0	34·0	34·0	34·6	34·6	35·7	35·7	36·0	36·0	37·1	37·1	38·0	38·0	37·8	37·8	37·3	37·8	38·0	38·0	38·0	38·0	36·5	36·6	35·1	35·2	19
20	37·3	37·3	37·0	37·0	33·8	33·8	32·2	32·2	31·8	32·0	31·0	31·9	31·0	31·0	30·6	30·6	30·0	30·0	29·1	29·2	29·4	29·4	29·0	29·1	32·8	32·9	20
21	31·9	31·9	32·0	32·0	32·0	32·0	32·1	32·0	32·9	32·3	33·6	33·6	34·6	34·6	34·5	34·5	34·0	34·0	34·0	34·0	33·6	33·6	32·1	32·1	31·7	31·7	21
22	35·4	35·4	36·3	36·3	37·2	37·2	38·0	38·0	38·3	38·3	34·1	34·1	31·8	32·0	29·9	31·0	29·9	30·0	29·8	29·8	29·3	29·3	29·2	29·2	32·9	33·0	22
23	31·3	31·3	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	32·0	32·0	32·0	32·0	32·0	32·0	31·8	32·0	31·0	31·0	30·3	30·3	30·2	30·2	30·8	30·8	23
24	34·5	34·0	35·4	35·0	34·9	33·8	34·7	34·3	35·2	34·8	34·3	34·0	33·9	33·2	33·7	32·9	32·9	31·5	32·0	32·0	31·8	30·8	31·1	30·1	32·4	32·0	24
25	36·6	34·3	37·9	35·6	37·3	35·4	36·4	34·8	37·7	36·3	37·5	35·7	36·7	35·4	35·7	35·0	34·9	34·8	34·7	33·7	34·7	33·7	33·9	33·2	34·5	32·5	25
26	41·8	40·0	41·9	39·9	42·0	39·2	40·9	36·7	39·1	36·3	40·1	31·4	38·8	30·5	38·9	34·4	37·9	34·2	42·8	40·8	42·7	41·0	43·9	41·4	38·4	36·0	26
27	52·8	50·0	53·0	50·1	50·9	50·1	51·0	49·9	50·0	49·2	51·2	49·5	50·6	49·1	49·8	48·2	49·1	47·1	48·5	47·4	48·4	48·1	48·1	47·0	48·8	47·6	27
28	50·4	49·1	49·0	47·8	49·8	47·9	50·0	48·0	48·8	47·1	50·0	47·4	48·0	47·1	47·2	45·8	46·8	45·8	45·8	45·2	43·0	43·0	41·1	41·1	47·8	46·7	28
29	36·1	36·0	35·8	35·6	36·0	35·2	35·6	35·0	35·3	34·7	35·5	34·6	35·0	34·9	33·1	33·1	31·9	32·0	31·0	31·0	31·0	31·0	30·1	32·0	35·5	35·4	29
30	34·0	33·2	34·3	34·0	34·8	34·7	35·0	34·9	34·7	34·7	34·4	34·3	33·8	33·8	32·5	32·4	31·9	31·7	32·6	31·1	33·8	32·0	37·0	31·9	32·7	32·2	30
31																											31
Means.	36·6	35·9	36·9	36·1	37·0	36·1	37·1	36·1	37·0	36·2	36·8	35·8	36·2	35·4	35·6	34·9	35·2	34·4	35·2	34·3	34·9	34·1	34·7	33·9	35·4	34·7	Means.

JULY 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	40·1	31·1	39·5	39·2	40·8	40·7	36·1	36·1	36·3	36·3	36·7	36·7	36·1	36·1	36·4	36·4	37·3	37·3	37·6	37·6	38·7	38·7	40·1	40·1	1
2	44·2	37·1	45·7	35·0	46·2	35·0	46·6	34·3	47·4	33·8	44·6	33·2	46·1	35·3	46·6	39·8	45·9	41·9	46·8	41·0	47·8	43·9	46·9	42·9	2
3	42·4	42·2	42·1	42·1	42·1	42·0	41·5	41·5	40·7	40·7	41·7	41·7	41·3	41·3	41·8	41·8	42·8	42·7	42·7	42·6	41·0	41·0	41·2	41·2	3
4	36·6	36·6	35·5	35·5	33·9	33·2	34·1	33·0	36·0	35·8	39·2	35·0	37·2	36·0	36·8	36·4	37·3	36·8	42·4	35·4	41·8	36·1	39·5	39·1	4
5	40·2	40·2	40·5	40·5	40·0	40·0	40·8	40·8	40·1	40·1	40·5	40·5	40·4	40·4	41·0	41·0	41·0	41·0	41·0	41·0	41·0	41·0	40·8	40·8	5
6	42·0	42·0	42·0	42·0	41·9	41·9	41·8	41·8	41·3	41·3	41·9	41·9	41·1	41·1	42·0	42·0	42·1	42·1	42·3	42·3	42·2	42·2	42·8	42·8	6
7	41·8	41·8	41·8	41·8	41·8	41·8	41·9	41·9	42·0	42·0	42·4	42·4	43·0	43·0	43·3	43·3	43·5	43·5	43·8	43·8	44·0	44·0	44·3	44·3	7
8	38·1	38·1	38·0	38·0	37·3	37·3	34·8	34·8	34·0	34·0	33·8	33·8	33·2	33·2	33·0	33·0	33·0	33·0	33·3	33·3	33·2	33·2	34·0	34·0	8
9	32·3	32·1	32·2	32·2	32·0	32·0	33·0	33·0	32·8	32·8	32·9	32·9	33·7	33·7	33·7	33·7	34·0	34·0	35·1	35·1	36·0	36·0	36·2	36·2	9
10	40·9	40·9	41·0	41·0	41·0	41·0	40·8	40·7	40·2	40·2	40·2	40·2	39·9	39·9	40·1	40·1	40·3	40·3	40·3	40·3	41·0	41·0	41·1	41·1	10
11	41·5	41·5	41·6	41·6	41·9	41·9	42·0	42·0	41·8	41·8	41·3	41·3	41·0	41·0	40·0	40·0	40·0	40·0	40·0	40·0	40·7	40·7	41·0	41·0	11
12	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·9	32·0	31·7	32·0	31·6	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·0	12
13	32·7	32·7	32·8	32·8	32·0	32·0	31·8	31·8	31·7	31·4	32·0	32·0	33·1	33·0	33·3	33·1	33·3	33·3	35·0	34·9	35·9	35·8	36·8	36·6	13
14	33·0	33·0	32·2	32·0	31·3	31·1	31·1	32·0	31·0	31·3	31·2	31·2	31·3	31·3	31·2	31·0	31·9	31·9	32·4	32·0	33·1	32·0	33·8	33·3	14
15	34·0	34·0	35·3	35·3	36·2	36·2	37·2	37·2	38·2	38·2	38·9	38·9	39·0	39·0	39·2	39·2	39·0	39·0	39·1	39·1	38·0	38·0	36·9	36·9	15
16	33·9	33·9	33·2	33·2	33·9	33·9	34·0	34·0	34·1	34·1	33·9	33·9	34·1	34·1	34·3	34·3	35·4	35·4	36·0	36·0	36·2	36·2	36·7	36·7	16
17	32·9	33·0	32·9	32·9	32·9	33·0	32·8	32·8	32·8	32·8	33·1	33·1	32·9	32·9	32·1	32·1	32·3	32·3	33·4	33·4	33·9	33·9	33·6	33·7	17
18	32·1	32·1	32·0	32·0	31·9	32·0	32·0	32·0	31·6	31·6	31·8	32·0	32·7	32·1	35·0	34·0	36·0	35·8	37·2	37·2	38·2	38·1	39·4	39·2	18
19	33·8	33·8	33·0	33·0	32·0	32·0	31·9	31·9	31·2	31·2	31·8	31·0	32·2	32·0	33·0	32·0	33·3	32·0	33·7	32·0	34·9	32·8	35·5	35·0	19
20	33·9	33·9	34·9	33·1	34·2	34·0	33·4	32·9	34·6	34·0	36·0	35·7	36·7	36·0	38·4	37·3	37·2	36·7	39·3	38·3	40·2	39·6	40·0	38·3	20
21	36·0	35·8	35·2	35·0	35·1	34·8	35·0	34·7	34·9	34·3	35·7	35·1	36·2	35·9	37·0	36·7	38·3	38·0	40·0	39·0	41·3	39·8	43·3	40·7	21
22	43·0	41·9	43·0	41·1	43·0	41·4	42·8	41·3	43·4	43·1	44·3	44·2	44·7	44·3	45·2	45·0	46·0	45·9	47·0	45·0	48·5	46·5	49·6	48·2	22
23	49·8	46·0	50·0	46·8	48·6	48·0	48·8	48·3	48·7	48·1	48·3	48·0	49·3	48·1	50·3	47·0	51·0	48·1	51·7	47·2	53·0	50·0	53·2	50·5	23
24	51·8	49·2	51·4	46·1	51·5	43·3	51·1	43·0	51·4	42·1	52·0	43·1	51·9	43·1	53·0	46·2	56·0	49·4	56·3	50·2	56·8	50·8	57·8	51·4	24
25	52·8	52·2	52·3	52·1	51·5	51·1	52·0	51·6	52·0	51·6	52·0	51·8	49·8	49·1	49·9	49·1	50·0	49·2	50·0	48·8	50·1	49·4	50·0	49·0	25
26	48·0	48·0	46·7	46·1	46·2	45·0	47·9	47·3	49·0	42·8	48·7	43·9	48·0	42·8	48·6	42·9	51·0	44·9	50·6	44·7	51·8	44·9	52·0	46·1	26
27	45·8	38·2	45·2	37·4	44·9	37·1	44·0	37·1	43·0	37·2	45·2	37·9	45·4	38·9	46·7	38·8	48·3	45·0	47·7	44·7	47·3	45·1	50·0	46·1	27
28	45·5	40·9	45·8	41·3	46·0	37·2	45·1	37·0	46·0	37·5	46·2	38·4	46·0	40·8	46·3	41·2	47·3	42·1	49·2	43·7	51·1	48·2	51·8	48·5	28
29	48·0	44·3	47·0	44·3	46·9	42·5	46·8	45·1	46·2	44·8	46·4	40·8	47·6	40·4	48·2	42·2	50·0	41·0	51·1	42·2	52·0	41·7	54·4	47·1	29
30	48·8	46·9	48·3	45·3	50·3	36·2	49·7	36·2	50·0	37·3	50·1	38·0	50·1	41·3	51·0	42·8	52·4	45·0	53·0	44·3	57·0	47·2	56·0	49·0	30
31	51·2	47·9	51·0	47·0	51·3	46·5	50·9	45·0	52·0	46·5	51·4	45·0	51·8	46·3	52·6	48·1	52·2	46·3	55·0	44·7	56·0	46·0	56·2	45·3	31
Means.	40·6	39·1	40·5	39·0	40·3	38·3	40·1	38·2	40·2	38·1	40·5	38·2	40·6	38·5	41·0	39·1	41·6	39·9	42·4	40·1	43·1	40·8	43·5	41·5	

JULY 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	38·8	38·8	40·3	35·5	40·8	35·5	43·0	40·2	43·2	41·0	43·5	42·2	45·0	44·5	43·9	39·0	43·9	40·8	43·9	40·1	42·8	39·1	43·4	40·1	40·3	38·5	1
2	48·0	44·4	46·7	43·0	47·2	44·1	46·9	44·8	47·7	44·9	46·7	44·0	46·3	43·0	45·1	43·1	43·3	42·5	43·7	41·2	42·9	41·9	42·8	41·9	45·9	40·5	2
3	41·8	41·8	42·2	42·1	41·9	41·9	42·2	42·1	42·1	42·0	41·8	41·8	41·8	41·8	41·7	41·7	41·1	41·1	40·1	40·1	38·9	38·9	38·0	38·0	41·5	41·4	3
4	40·3	40·1	41·3	41·1	42·0	41·9	41·9	41·9	41·5	41·4	40·9	40·9	40·9	40·9	40·7	40·6	40·7	40·7	41·2	41·1	40·9	41·0	40·7	40·7	39·3	38·4	4
5	41·0	41·0	41·7	41·7	42·0	42·0	42·0	41·9	42·0	42·0	42·0	42·0	41·7	41·7	41·8	41·8	41·9	41·9	42·0	42·0	42·0	42·0	41·9	41·9	41·2	41·2	5
6	42·6	42·6	43·0	43·0	43·5	43·3	43·0	42·9	43·1	43·0	42·8	42·7	42·7	42·6	42·8	42·8	41·8	41·8	42·0	42·0	41·2	41·2	41·8	41·8	42·2	42·2	6
7	43·3	43·3	42·0	42·0	39·2	39·2	39·0	39·0	39·2	39·2	38·8	38·8	39·9	39·9	39·3	39·3	39·9	39·9	38·0	38·0	38·5	38·5	38·0	38·0	41·2	41·2	7
8	34·0	34·0	33·8	33·8	33·9	33·9	34·3	34·3	34·0	34·0	33·4	33·4	33·7	33·7	33·5	33·5	32·6	32·6	32·6	32·6	32·3	32·3	32·0	32·0	34·0	34·0	8
9	37·0	37·0	37·6	37·6	38·2	38·2	39·0	39·0	39·3	39·3	39·9	39·9	40·0	40·0	40·7	40·5	40·2	40·1	40·1	40·1	40·2	40·2	40·1	40·1	36·5	36·5	9
10	41·1	41·1	41·2	41·2	41·9	41·9	42·0	42·0	42·0	42·0	42·1	42·0	42·0	42·0	42·0	42·0	40·9	40·9	40·9	40·9	41·0	41·0	41·4	41·3	41·1	41·0	10
11	41·7	41·7	42·9	42·9	43·1	43·0	40·5	40·4	36·8	36·9	35·1	35·1	34·1	34·1	33·9	33·9	32·9	32·9	32·9	32·9	32·0	32·1	32·0	32·0	38·8	38·8	11
12	33·9	32·2	34·2	34·2	34·3	34·3	34·5	34·5	34·1	34·1	33·3	33·3	33·0	33·0	33·0	33·0	32·3	32·3	32·8	32·9	32·8	32·9	32·8	32·9	32·7	32·6	12
13	37·8	37·2	37·0	36·8	37·0	36·8	36·9	36·9	36·7	36·7	35·8	35·8	35·0	35·0	34·1	34·1	34·0	34·0	33·6	33·6	33·0	33·0	33·0	33·0	34·3	34·3	13
14	33·8	33·8	34·7	34·7	33·9	33·9	33·0	33·0	32·6	32·6	32·1	32·1	32·0	32·0	32·6	32·7	32·5	32·5	33·1	33·1	33·8	33·8	33·7	33·7	32·6	32·5	14
15	36·3	36·3	35·8	35·8	35·5	35·5	35·0	35·0	34·0	34·0	35·0	35·0	35·2	35·2	34·1	34·1	34·5	34·5	34·2	34·2	34·0	34·0	34·0	34·0	36·2	36·2	15
16	36·8	36·8	36·1	36·1	36·0	36·0	35·7	35·7	35·1	35·1	34·0	34·0	33·9	33·9	33·7	33·7	33·8	33·8	33·7	33·7	33·1	33·1	33·5	33·5	34·6	34·6	16
17	34·2	34·2	34·5	34·5	34·2	34·2	34·1	34·1	34·3	34·3	34·1	34·1	33·3	33·3	33·0	32·0	32·1	32·1	31·4	31·6	32·2	32·2	32·3	32·3	33·1	33·2	17
18	41·0	41·0	41·0	40·9	40·7	40·5	40·9	40·8	38·0	38·0	38·0	37·7	38·7	38·6	37·8	37·8	37·1	37·1	36·7	36·7	35·1	35·1	34·0	34·0	36·2	36·1	18
19	36·2	35·0	36·7	36·0	37·5	36·9	37·1	36·4	37·4	36·8	38·0	37·1	37·9	37·0	37·5	36·2	37·1	36·0	36·0	35·8	35·5	35·3	35·3	35·3	34·9	34·3	19
20	41·2	38·7	41·1	39·1	41·9	40·1	41·0	40·0	40·2	39·2	41·0	39·3	41·0	39·3	38·6	37·7	37·7	37·0	37·1	37·0	36·5	36·0	37·0	36·1	38·0	37·1	20
21	44·6	41·0	45·9	41·7	47·8	43·1	48·2	43·9	48·3	43·8	47·8	43·0	47·0	43·0	45·8	42·5	44·4	41·4	43·5	41·9	42·6	41·9	43·2	41·9	41·5	39·5	21
22	50·9	49·3	50·1	48·7	48·8	47·8	48·2	47·9	49·2	48·3	48·6	48·0	48·0	47·7	48·9	47·9	49·1	48·2	48·8	48·0	47·9	46·8	47·9	47·0	47·0	46·0	22
23	52·1	49·0	54·3	49·2	54·0	47·2	55·3	53·0	55·8	52·0	57·3	52·2	55·1	48·0	55·0	50·1	54·9	51·7	54·3	49·5	53·3	49·1	52·3	50·0	52·4	49·0	23
24	56·9	51·6	57·2	52·2	58·0	52·1	59·2	52·2	59·0	52·9	57·2	49·8	56·0	50·4	54·3	0·2	52·3	49·1	52·9	51·0	52·9	52·1	53·0	52·6	54·6	48·9	24
25	47·9	47·4	49·3	49·4	48·8	48·9	50·0	50·0	50·1	50·1	50·2	50·1	49·7	49·5	49·5	49·3	48·3	48·1	51·8	51·3	51·0	51·0	50·1	50·1	50·4	50·0	25
26	50·9	46·1	52·0	47·0	51·0	45·1	51·0	45·0	51·0	42·0	49·3	41·1	50·0	41·2	48·2	41·4	47·3	39·2	48·1	38·5	47·2	37·8	46·5	37·6	49·2	43·4	26
27	51·3	47·8	50·0	47·3	51·3	47·3	52·0	47·8	52·2	47·9	52·0	48·9	50·9	46·7	49·3	43·2	47·9	44·0	47·1	43·9	46·8	40·0	45·3	39·9	47·9	42·8	27
28	52·6	47·9	55·3	49·3	55·6	49·1	55·4	49·1	55·0	48·5	54·8	48·3	53·6	47·9	51·7	46·6	49·0	45·9	49·0	44·8	48·7	44·8	48·2	44·0	49·8	44·3	28
29	57·0	50·1	56·8	50·0	55·8	48·1	55·2	48·9	55·0	49·4	53·3	49·0	54·0	48·2	53·0	48·0	52·0	47·7	51·0	47·0	50·0	46·4	49·1	46·0	51·1	45·6	29
30	57·5	49·8	57·9	51·0	59·0	52·0	57·4	51·0	57·4	51·0	56·7	50·2	56·2	50·2	54·2	49·1	53·7	48·9	52·2	48·0	51·3	47·9	51·3	48·0	53·4	46·1	30
31	58·0	43·4	57·9	45·3	60·0	49·0	59·1	48·4	59·0	49·3	56·4	48·9	55·3	49·2	53·0	48·1	51·4	48·1	50·1	48·0	50·0	48·0	49·9	47·9	53·8	47·0	31
Means.	43·9	41·8	44·2	42·0	44·3	42·0	44·3	42·3	44·0	42·0	43·6	41·6	43·4	41·4	42·7	40·9	42·0	40·5	41·8	40·4	41·3	40·0	41·1	39·9	42·1	40·2	Means.

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AUGUST 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	51·0	47·3	49·8	47·0	49·5	47·3	47·9	43·4	48·3	39·8	51·1	37·0	50·9	38·0	50·0	39·7	51·3	40·6	51·2	41·0	53·0	42·3	56·1	45·7	1
2	48·3	44·1	47·2	46·5	46·8	46·1	46·0	44·3	46·1	44·1	47·3	42·3	43·1	42·9	44·0	43·1	44·4	43·9	45·6	43·9	48·2	44·2	46·8	44·0	2
3	39·0	39·0	36·2	36·3	36·9	36·9	36·1	36·2	35·3	35·3	35·0	35·0	36·1	36·0	35·9	35·9	36·7	36·3	35·9	36·0	36·7	35·9	37·8	37·4	3
4	31·0	31·0	31·2	31·2	31·4	31·4	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	33·0	32·1	33·9	33·9	35·0	35·0	35·3	35·3	36·0	35·9	4
5	43·0	36·5	43·4	35·1	45·0	36·2	44·0	35·5	45·5	35·2	45·7	37·0	47·0	37·3	48·2	38·1	48·8	40·2	51·0	46·0	51·7	46·7	54·0	48·1	5
6	47·0	36·1	46·8	40·1	45·3	43·0	44·1	39·1	43·8	39·3	43·0	42·2	41·0	40·7	42·1	42·0	42·9	42·8	43·8	43·7	44·4	44·2	45·0	45·0	6
7	43·2	43·0	43·1	43·0	43·2	42·9	42·9	42·8	43·3	42·7	43·5	43·0	43·3	43·1	43·1	43·0	45·0	44·0	46·8	46·0	47·9	46·2	47·1	46·1	7
8	41·0	41·0	40·9	40·2	40·0	39·4	42·3	42·2	42·3	42·2	42·2	42·1	42·0	42·0	42·8	42·6	43·0	43·0	44·5	44·3	45·7	45·2	44·8	44·6	8
9	42·1	42·0	42·0	42·0	42·0	41·9	41·6	41·6	42·0	42·0	40·9	40·9	40·1	40·1	40·0	40·0	41·2	41·2	41·6	41·6	41·9	41·9	43·0	43·0	9
10	41·4	41·4	40·1	40·1	40·0	40·0	39·0	39·0	37·8	37·7	38·0	38·0	38·3	38·3	38·8	38·8	38·4	38·4	38·9	38·8	39·0	38·8	38·2	38·2	10
11	37·3	37·3	37·3	37·3	38·0	38·0	37·8	37·8	37·9	37·8	37·1	37·1	38·0	38·0	39·0	39·0	39·0	38·9	37·9	37·9	35·8	35·8	35·0	35·0	11
12	31·1	31·1	31·7	31·7	31·9	32·0	31·7	31·8	31·6	31·6	32·0	32·0	32·0	32·0	32·0	32·0	32·7	32·0	33·4	32·4	34·0	34·0	33·4	33·4	12
13	31·6	31·9	31·0	31·0	30·4	30·5	29·8	29·8	28·9	28·9	28·0	28·0	27·5	27·5	28·1	28·1	28·1	28·1	29·0	29·0	28·4	28·4	28·2	28·2	13
14	29·0	29·0	29·1	29·1	29·0	29·0	29·1	29·2	29·3	29·3	29·6	29·6	30·0	30·0	30·7	30·7	31·7	31·7	32·0	32·0	32·8	32·1	33·2	32·1	14
15	32·1	32·1	32·8	32·8	32·1	32·1	33·9	33·9	33·9	33·9	34·5	34·5	35·0	35·0	35·1	35·0	36·1	36·0	37·0	37·0	38·5	38·3	39·0	39·0	15
16	41·0	41·0	41·9	41·9	41·6	41·6	42·1	42·1	43·4	43·3	44·9	44·8	44·1	44·0	43·9	43·8	43·7	43·6	44·0	43·9	43·9	43·8	43·8	43·7	16
17	40·0	40·0	39·7	39·7	39·0	39·0	39·9	39·9	39·4	39·4	41·9	41·9	38·8	38·8	37·0	36·8	37·1	37·1	37·7	37·7	37·4	37·4	38·0	38·0	17
18	41·1	35·0	41·2	34·3	42·0	36·0	41·2	35·6	41·2	35·0	41·1	33·8	40·9	33·7	42·1	34·0	43·0	36·9	44·2	36·7	45·8	35·0	47·0	36·0	18
19	45·2	32·0	45·0	32·8	45·0	32·3	44·0	32·3	45·1	34·1	45·8	35·0	46·5	38·7	47·6	40·6	48·0	40·5	48·6	41·9	49·5	42·0	49·7	43·1	19
20	43·6	40·0	43·5	36·7	43·0	37·1	42·5	37·0	42·0	37·0	42·1	37·1	43·3	38·2	43·2	39·1	42·9	40·0	44·5	40·0	44·1	40·3	45·6	41·4	20
21	42·0	38·0	42·5	39·0	42·7	39·3	44·0	40·9	46·0	41·7	45·0	41·9	43·6	41·3	44·6	41·5	45·3	41·7	46·2	42·1	46·0	42·3	47·5	42·6	21
22	46·9	40·5	46·5	40·9	45·8	40·3	44·4	41·0	44·9	40·9	45·0	40·6	45·2	40·4	44·2	40·4	43·2	41·0	44·1	43·0	44·0	43·0	44·9	43·5	22
23	46·0	41·5	45·0	40·2	44·1	40·0	44·1	40·5	44·0	40·1	44·3	40·3	44·3	41·0	46·1	42·0	46·9	42·0	47·4	42·0	48·3	41·2	50·0	43·2	23
24	44·5	42·9	44·3	42·6	43·8	42·1	43·4	42·9	43·1	43·0	43·2	42·2	43·6	42·7	45·0	43·5	47·1	44·4	47·9	45·3	46·2	44·8	44·5	44·0	24
25	40·0	39·9	38·9	38·9	39·2	39·2	39·3	39·3	39·0	39·0	39·0	39·0	38·1	38·1	39·0	39·0	39·9	39·9	40·8	40·7	41·5	41·0	41·0	42·8	25
26	35·0	35·0	34·9	35·0	36·3	35·3	34·8	34·2	34·1	34·0	34·0	33·6	34·1	34·0	34·9	34·3	34·7	34·7	36·8	36·0	36·7	36·0	38·0	36·5	26
27	28·9	29·0	29·5	29·6	28·9	29·0	28·8	28·9	28·1	28·0	28·7	28·7	29·3	29·3	29·0	29·0	29·1	29·1	30·0	29·9	31·9	30·7	33·0	31·2	27
28	28·0	28·0	28·2	28·2	28·0	28·0	28·4	28·5	28·3	28·3	28·3	28·3	28·1	28·1	28·2	28·2	29·0	29·0	29·3	29·3	29·8	29·8	30·8	30·8	28
29	29·0	29·0	28·9	29·0	28·8	28·7	29·5	29·0	29·0	29·0	29·0	28·3	29·1	28·4	30·0	28·9	31·0	29·7	31·9	30·3	33·2	31·3	33·7	31·9	29
30	30·1	30·0	30·0	29·8	30·9	29·6	30·8	29·8	30·9	29·3	31·0	29·3	31·2	29·8	32·0	30·1	32·1	31·5	32·1	31·8	34·0	32·5	34·7	33·8	30
31	32·0	31·0	31·9	30·8	31·8	30·2	31·9	30·1	32·2	30·3	32·6	30·6	33·6	32·0	35·3	32·4	35·6	34·2	37·3	35·2	37·0	34·9	41·6	37·4	31
Means.	38·8	36·6	38·5	36·5	38·5	36·6	38·3	36·5	38·3	36·3	38·6	36·3	38·4	36·5	38·9	36·9	39·4	37·6	40·2	38·4	40·7	38·6	41·4	39·2	Means.

AUGUST 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	56·1	48·4	56·4	48·9	55·5	48·7	55·5	49·1	55·0	50·1	54·0	50·4	51·6	49·2	51·9	49·3	50·0	48·1	48·7	47·0	48·6	47·2	48·3	46·0	51·7	45·5	1
2	47·7	45·0	46·1	44·2	48·0	46·0	47·1	45·0	47·0	42·5	45·2	44·2	45·7	44·0	44·0	42·0	43·0	42·0	43·0	42·0	42·2	42·0	41·1	41·0	45·6	43·7	2
3	35·3	35·3	34·2	34·2	33·9	34·0	33·3	33·3	33·9	33·9	33·2	33·2	32·4	32·4	32·0	32·0	32·0	32·0	31·1	31·1	30·5	30·5	30·8	30·8	34·6	34·5	3
4	39·3	38·3	39·9	38·8	39·1	37·6	39·2	37·8	39·5	38·0	38·8	36·3	38·0	37·2	37·1	37·1	36·8	36·8	35·9	35·9	41·2	37·0	42·2	36·9	35·9	35·1	4
5	50·3	45·2	53·0	44·7	52·9	42·1	53·9	41·2	53·3	41·3	52·0	42·0	51·1	41·8	49·6	35·1	48·9	34·2	48·1	34·0	46·0	34·0	46·6	34·1	48·9	39·2	5
6	45·1	45·0	45·4	45·3	46·0	45·8	46·0	46·0	46·0	45·9	45·1	45·0	44·7	44·4	44·5	44·0	44·3	44·3	43·9	43·4	43·9	43·1	43·8	43·4	44·5	43·1	6
7	46·0	44·9	48·0	46·8	46·8	46·1	47·0	46·3	47·0	46·0	46·2	45·5	45·0	44·6	44·0	43·9	43·9	43·8	42·1	42·0	40·9	40·9	42·0	42·0	44·6	44·1	7
8	44·9	44·5	45·1	44·9	43·9	43·4	44·0	43·0	45·1	41·0	43·6	41·3	41·8	41·2	42·0	41·9	41·0	41·0	42·0	42·0	42·1	42·1	42·2	42·1	42·9	42·4	8
9	43·9	43·8	44·4	44·4	45·3	45·2	46·0	45·9	46·3	46·2	46·0	45·9	45·8	45·7	45·7	45·6	45·9	45·8	45·0	45·0	45·2	45·1	42·9	42·9	43·4	43·3	9
10	38·5	38·4	39·0	39·0	40·3	40·3	41·3	41·3	41·8	41·8	41·9	41·9	41·9	41·8	41·3	41·3	40·0	40·0	38·0	38·0	37·1	37·1	37·0	37·0	39·4	39·4	10
11	35·5	35·4	35·2	35·2	34·9	34·9	34·3	34·3	33·2	33·2	33·7	33·7	32·8	32·8	32·4	32·4	32·0	32·0	32·0	32·0	31·9	32·0	31·8	32·0	35·4	35·4	11
12	33·1	33·1	32·5	32·5	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	31·5	32·0	31·8	32·0	31·0	32·0	31·8	32·0	31·9	31·9	31·8	31·9	32·1	32·1	12
13	29·0	29·0	29·5	29·5	29·4	29·4	29·9	29·8	30·1	29·9	29·6	29·7	29·0	29·0	28·9	28·9	28·4	28·4	28·5	28·6	28·1	28·1	28·5	28·5	29·1	29·1	13
14	33·5	32·2	33·9	33·9	35·1	35·1	35·0	35·1	35·6	35·5	35·1	35·1	34·8	34·8	34·6	34·6	33·1	33·1	32·1	32·2	31·9	32·0	31·9	32·0	32·2	32·1	14
15	39·3	39·2	39·8	39·8	39·7	39·7	39·8	39·8	39·0	39·0	38·5	38·4	37·8	37·7	35·1	34·8	36·1	36·0	37·8	37·8	38·2	38·2	39·0	39·0	36·7	36·6	15
16	44·1	44·0	44·9	44·9	44·2	44·1	44·1	44·0	44·4	44·2	44·3	44·1	44·1	44·0	44·0	44·0	44·0	44·0	43·0	43·0	42·1	42·0	41·8	41·8	43·5	43·4	16
17	39·3	39·2	39·2	38·0	40·0	38·5	41·4	38·0	41·5	35·8	41·0	33·9	40·6	32·9	40·3	32·0	41·1	33·1	40·9	34·0	40·5	32·6	40·8	32·9	39·7	36·9	17
18	46·9	36·0	46·7	36·9	48·3	35·3	47·0	39·0	47·8	39·0	46·5	38·9	44·9	41·1	43·3	40·2	43·9	37·0	42·0	34·5	47·8	33·9	45·2	33·0	44·2	36·1	18
19	51·3	44·0	51·8	44·5	50·4	43·0	50·0	43·4	48·8	42·3	47·1	40·8	46·0	42·1	45·5	42·1	45·2	41·0	44·2	40·2	45·0	40·1	43·1	39·2	47·0	39·5	19
20	46·7	42·0	46·1	42·1	48·5	43·9	48·0	43·1	46·3	41·8	46·0	41·9	43·9	41·1	43·0	40·0	42·0	40·0	40·8	38·0	41·2	36·0	40·5	35·9	43·9	39·6	20
21	48·0	43·5	49·2	44·7	50·2	44·9	49·9	45·8	49·3	45·1	47·6	43·9	46·4	43·7	45·4	43·2	45·5	42·0	45·1	41·2	46·1	40·1	47·0	40·9	46·0	42·1	21
22	46·8	44·8	47·0	45·3	45·7	44·9	45·7	45·2	45·8	44·4	45·5	44·7	44·7	44·0	43·5	43·4	43·0	43·0	43·7	43·0	42·0	41·9	45·0	42·1	44·9	42·6	22
23	51·0	45·0	48·5	46·3	49·0	46·2	48·0	46·1	49·0	45·7	49·0	45·9	46·3	44·8	45·9	44·5	44·9	44·4	44·3	44·0	44·9	43·1	44·5	42·9	46·5	43·0	23
24	45·0	44·3	44·2	43·8	43·2	43·0	43·7	43·3	43·2	43·1	42·5	42·4	42·0	41·8	41·5	41·3	40·2	40·1	39·0	39·0	38·7	38·7	38·8	38·8	43·3	42·5	24
25	44·0	43·0	43·7	43·1	42·9	42·3	42·1	42·0	41·1	41·1	41·0	41·0	39·7	39·7	39·0	39·0	38·0	38·0	37·9	37·9	36·9	37·0	36·1	36·1	40·0	39·9	25
26	38·3	36·4	39·1	37·0	38·5	36·1	37·6	35·7	36·6	35·0	35·1	34·4	34·9	33·6	33·1	32·3	32·0	32·0	31·9	31·7	30·9	30·8	29·9	29·5	35·1	34·3	26
27	33·6	32·1	33·5	32·0	34·0	32·3	33·2	32·1	32·8	31·9	32·2	31·7	32·0	31·0	31·1	31·0	30·7	30·7	29·9	30·1	29·1	29·2	28·5	28·5	30·7	30·2	27
28	31·9	31·5	33·9	32·0	34·4	33·8	34·1	33·1	33·7	32·9	32·2	31·8	31·0	30·9	30·3	31·5	30·0	30·7	29·9	30·6	29·1	29·2	29·0	29·0	30·2	30·0	28
29	34·2	33·0	33·9	33·3	34·0	33·4	34·6	34·2	33·6	33·4	33·2	33·2	32·5	32·5	31·9	31·5	31·8	31·8	31·1	32·1	31·0	32·0	30·3	31·0	31·5	31·0	29
30	36·9	34·9	36·0	34·3	37·9	35·1	36·8	34·0	38·1	34·9	37·1	34·4	34·7	32·7	34·0	32·3	33·1	33·0	33·1	32·1	33·0	32·0	32·0	31·0	33·4	32·0	30
31	38·3	32·0	37·7	35·3	38·5	36·0	38·9	36·1	38·2	35·3	37·9	35·3	37·0	34·3	36·4	33·1	35·9	33·0	34·5	33·5	35·2	34·0	34·2	33·8	35·6	33·4	31
Means.	41·7	39·5	41·9	39·9	42·0	39·8	41·9	39·8	41·8	39·4	41·1	39·1	40·1	38·7	39·5	37·9	39·0	37·5	38·4	37·0	38·5	36·6	38·3	36·3	39·8	37·8	Means.

SEPTEMBER 1885.

Temperature—Dry and Wet Bulbs

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	34·9	33·2	34·3	33·0	34·2	33·0	33·7	32·5	33·1	32·1	33·4	32·3	35·0	33·4	36·9	35·1	38·3	35·6	38·0	36·2	38·8	36·3	40·0	36·1	1
2	35·0	35·0	35·1	35·1	35·4	35·4	35·5	35·5	35·7	35·7	35·4	35·4	35·5	35·5	35·6	35·6	35·2	35·2	34·7	34·7	34·8	34·8	33·4	33·2	2
3	39·0	39·0	39·4	39·4	39·9	40·0	39·7	39·7	39·3	39·3	39·1	39·1	39·4	39·4	40·0	40·0	39·7	39·7	40·1	40·1	40·6	40·6	41·4	41·3	3
4	39·0	39·0	39·0	39·0	38·3	38·3	38·1	38·1	38·9	38·9	39·0	39·0	39·3	39·3	40·1	40·1	40·7	40·6	40·7	40·7	41·1	41·1	41·0	41·0	4
5	39·4	39·4	39·2	39·2	39·1	39·1	39·3	39·3	39·3	39·3	39·3	39·3	37·9	37·9	38·0	38·0	39·4	39·4	40·1	40·0	41·7	41·7	42·4	42·3	5
6	38·0	38·0	37·9	37·9	36·1	36·1	35·1	35·0	34·9	34·1	35·0	34·6	34·8	34·2	35·8	35·4	37·0	36·7	37·3	36·7	37·4	36·8	39·0	37·3	6
7	36·0	35·1	36·4	35·4	37·5	36·0	38·0	36·5	37·8	37·8	38·6	38·5	38·9	37·8	39·5	38·4	40·6	39·8	40·7	40·2	41·2	40·9	41·5	40·8	7
8	41·5	41·4	41·1	41·0	40·1	40·0	39·9	39·9	39·3	39·3	39·4	39·3	39·3	39·3	39·0	39·0	39·0	39·0	38·8	38·8	38·9	38·9	38·0	38·0	8
9	36·0	36·0	34·0	34·0	33·3	33·3	33·7	33·7	33·5	33·5	32·2	32·2	32·8	32·8	33·0	33·0	32·8	32·8	33·2	33·2	34·2	34·2	34·4	34·4	9
10	33·0	33·0	32·9	32·9	32·0	32·0	32·0	32·0	31·9	32·0	31·0	31·0	31·0	31·0	31·7	31·7	31·9	31·9	32·0	32·0	32·1	32·1	33·0	32·0	10
11	32·0	32·1	32·0	32·0	32·0	32·1	32·0	32·1	32·0	32·0	32·0	32·0	32·1	32·1	33·0	33·0	33·8	33·8	34·0	34·0	34·6	34·6	35·3	35·3	11
12	33·0	33·0	32·4	32·4	32·4	32·4	33·0	33·0	34·2	34·2	35·3	35·3	56·3	36·3	38·4	38·4	40·7	40·7	43·0	42·9	44·6	44·4	46·4	46·2	12
13	35·4	35·4	35·8	35·8	35·0	35·0	35·3	35·3	35·1	35·1	35·0	35·0	34·9	34·9	34·0	34·0	34·1	34·1	33·6	33·6	33·8	33·8	34·0	34·0	13
14	36·1	36·1	36·6	36·6	36·3	36·3	35·9	35·9	35·6	35·6	35·7	35·7	35·0	35·0	35·1	35·1	35·2	35·2	35·7	35·7	35·7	35·7	36·0	36·0	14
15	38·0	38·0	38·6	38·6	39·6	39·5	39·4	39·4	39·2	39·2	39·0	39·0	38·4	38·4	38·1	38·1	38·3	38·3	38·7	38·7	39·0	39·0	40·0	40·0	15
16	34·8	34·8	34·1	34·1	34·3	34·3	34·1	34·1	33·8	33·8	33·6	33·6	34·1	34·1	34·9	34·9	34·5	34·5	34·8	34·8	35·0	35·0	36·1	36·1	16
17	34·7	34·7	34·8	34·8	34·6	34·6	34·0	34·0	33·8	33·8	33·3	33·3	33·7	33·7	33·8	33·8	34·0	34·0	34·9	34·9	34·9	34·9	35·1	35·1	17
18	32·2	31·4	32·4	31·9	32·9	32·0	32·0	32·0	32·3	32·0	31·0	30·2	31·7	31·3	33·0	32·0	34·0	33·0	34·0	34·0	35·6	35·1	35·0	35·0	18
19	37·0	37·0	37·0	37·0	37·2	37·2	38·0	38·0	39·8	39·8	40·6	40·6	41·9	41·9	41·0	41·0	38·1	38·1	36·0	36·0	36·0	36·0	37·0	37·0	19
20	31·3	31·3	31·0	31·0	31·2	31·2	30·8	30·8	31·6	31·6	31·6	31·6	31·1	31·1	31·1	31·1	31·9	31·9	32·0	32·0	32·1	32·1	32·1	32·0	20
21	31·1	31·2	31·0	31·0	30·2	30·2	30·1	30·1	29·8	29·8	29·7	29·7	30·0	30·0	29·7	29·7	30·1	30·1	31·0	31·0	31·1	31·1	32·0	32·0	21
22	36·9	36·9	37·0	37·0	36·0	36·0	36·3	36·3	36·7	36·7	37·2	37·2	38·0	38·0	38·2	38·2	38·6	38·6	38·6	38·6	38·1	38·1	38·1	38·1	22
23	38·0	38·0	37·6	37·6	35·3	35·3	33·6	33·6	32·9	32·9	31·3	32·0	30·2	30·2	30·9	30·9	32·0	32·0	32·0	32·0	31·1	31·1	31·3	31·3	23
24	29·0	29·0	29·0	29·0	28·8	28·8	29·0	29·0	28·2	28·2	28·3	28·3	28·7	28·7	28·0	28·0	28·3	28·3	28·9	28·9	29·0	29·0	29·0	29·0	24
25	27·3	27·3	27·4	27·6	27·8	27·8	27·8	27·8	27·2	27·2	26·9	26·9	26·3	26·3	26·2	26·2	26·2	26·2	25·2	25·2	26·2	26·2	26·1	26·1	25
26	21·3	21·3	21·7	21·8	22·2	22·2	23·1	23·1	23·3	23·3	23·6	23·6	24·1	24·0	25·1	25·1	25·9	25·9	26·1	26·0	26·3	26·3	26·2	26·1	26
27	22·3	22·6	23·0	23·0	22·0	22·0	21·9	21·9	21·3	21·1	21·1	21·1	22·1	22·0	24·1	23·7	26·2	26·0	27·7	27·3	31·1	30·9	31·9	31·2	27
28	29·0	29·0	29·4	29·4	30·0	30·0	30·4	30·4	28·9	28·9	30·1	30·1	31·4	31·4	32·1	32·0	32·2	32·0	33·3	32·1	35·2	35·2	36·0	36·0	28
29	33·9	33·9	33·0	33·0	33·2	33·2	32·9	32·9	32·0	32·0	30·8	31·9	28·7	28·7	29·2	29·2	29·2	29·2	29·9	29·9	30·0	30·0	30·8	30·8	29
30	30·0	30·0	30·0	30·0	29·0	29·0	29·0	29·0	28·0	28·0	29·0	29·0	32·0	32·0	33·0	32·0	33·4	33·4	33·0	33·0	32·2	32·2	32·0	32·0	30
31																									31
Means.	33·8	33·7	33·8	33·7	33·5	33·4	33·5	33·4	33·3	33·2	33·2	33·2	33·5	33·4	34·0	33·8	34·4	34·2	34·6	34·4	35·1	34·9	35·5	35·2	Means.

SEPTEMBER 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	41·2	37·0	42·5	37·4	41·3	36·0	41·1	36·1	40·8	36·2	40·0	37·0	38·5	36·7	37·1	36·4	35·9	35·9	35·6	35·6	35·8	35·9	35·3	35·3	37·3	35·2	1
2	33·9	33·3	33·7	33·7	34·5	34·5	35·2	35·2	36·0	36·0	36·5	36·5	37·1	37·1	37·9	37·9	38·0	38·0	38·7	38·7	39·0	39·0	39·3	39·3	35·9	35·8	2
3	41·7	41·7	40·9	40·9	40·8	40·8	40·4	40·4	40·3	40·3	40·6	40·5	40·0	40·0	39·1	39·1	39·5	39·5	39·4	39·4	38·9	38·9	38·9	38·9	39·9	39·9	3
4	40·2	40·2	41·3	41·2	41·9	41·9	41·0	41·0	40·4	40·4	40·1	40·1	40·4	40·4	40·2	40·2	40·1	40·1	40·0	40·0	40·0	40·0	39·8	39·8	40·0	40·0	4
5	41·7	41·7	41·5	41·4	41·3	41·2	41·1	41·0	40·1	39·9	40·3	40·2	40·1	40·1	39·0	39·0	39·0	39·0	39·0	39·0	38·9	38·9	38·5	38·5	39·8	39·8	5
6	39·8	38·9	39·7	38·5	39·8	39·0	39·0	38·9	37·7	37·5	37·3	37·0	37·3	37·1	37·0	36·0	35·9	34·8	36·0	35·0	36·3	34·5	36·3	34·9	37·1	36·5	6
7	41·6	40·1	43·1	42·0	45·0	43·3	44·4	43·3	43·3	43·0	43·0	42·3	42·0	41·9	41·8	41·6	42·0	41·9	41·9	41·9	41·1	41·0	40·9	40·8	40·7	40·0	7
8	37·2	37·2	36·9	36·9	37·7	37·7	37·3	37·3	37·9	37·9	37·2	37·2	37·0	37·0	37·0	37·0	36·5	36·5	36·2	36·2	36·7	36·7	36·6	36·6	38·3	38·2	8
9	33·3	33·3	34·0	34·0	33·2	33·2	33·7	33·7	33·8	33·8	32·9	32·9	33·3	33·3	33·4	33·4	33·4	33·4	34·0	34·0	33·0	33·0	33·1	33·1	33·5	33·5	9
10	33·6	33·6	33·8	33·8	34·0	34·0	33·9	33·9	32·7	32·7	32·8	32·8	32·8	32·8	32·8	32·8	32·4	32·4	32·6	32·6	32·0	32·0	32·0	32·1	32·5	32·5	10
11	35·6	35·7	35·8	35·8	35·8	35·8	35·8	35·8	35·8	35·8	35·4	35·4	35·0	35·0	34·9	35·0	34·2	34·2	33·4	33·4	33·3	33·3	33·0	33·0	33·9	33·9	11
12	47·2	47·1	47·8	47·6	48·7	48·5	49·0	48·9	48·0	48·0	42·0	42·0	38·8	38·8	37·2	37·2	36·8	36·8	36·6	36·6	35·3	35·3	35·1	35·1	39·7	39·6	12.
13	34·0	34·0	34·2	34·2	34·1	34·1	34·0	34·0	34·0	34·0	34·6	34·6	35·2	35·2	35·7	35·7	35·9	35·9	36·0	36·0	36·3	36·3	36·8	36·8	34·9	34·9	13
14	37·0	37·0	37·4	37·4	38·0	38·0	38·1	38·1	38·8	38·8	39·4	39·4	40·0	40·0	40·3	40·3	40·7	40·7	40·9	40·9	40·8	40·8	39·3	39·3	37·5	37·5	14
15	40·3	40·3	39·2	39·2	39·0	39·0	38·0	38·0	37·0	37·0	36·0	36·0	35·0	35·0	34·4	34·4	34·8	34·8	33·4	33·4	33·6	33·6	34·1	34·1	37·5	37·5	15
16	35·6	35·6	35·0	35·0	35·7	35·8	36·2	36·2	35·8	35·8	35·6	35·6	35·3	35·3	35·4	35·4	34·9	34·9	34·4	34·4	34·8	34·8	34·8	34·8	34·9	34·9	16
17	35·6	35·6	37·0	36·9	36·7	36·8	36·0	36·0	36·0	36·0	35·0	35·0	33·7	33·5	33·1	33·0	33·0	32·4	32·7	32·3	32·8	31·8	32·7	31·8	34·4	34·3	17
18	35·1	35·1	35·3	35·3	36·0	36·0	35·3	35·2	35·0	35·0	34·3	34·3	34·1	34·1	34·0	34·1	34·7	34·7	35·3	35·3	36·0	36·0	36·9	36·9	34·1	33·8	18
19	36·0	36·0	33·0	33·0	32·8	32·8	32·5	32·5	32·0	32·0	31·3	32·0	30·8	30·8	31·0	31·0	31·0	31·0	30·8	30·8	30·8	30·8	31·1	31·1	35·1	35·1	19
20	32·0	32·1	34·0	34·0	34·3	34·3	35·1	35·1	36·2	36·2	39·0	39·0	36·4	36·4	36·2	36·2	34·2	34·2	33·3	33·3	32·8	32·8	32·0	32·0	33·1	33·1	20
21	32·3	32·1	33·5	33·0	34·0	34·0	34·0	34·0	33·9	33·9	34·0	34·0	34·8	34·8	36·0	36·0	36·8	36·8	37·3	37·3	37·7	37·7	37·2	37·2	32·8	32·8	21
22	38·4	38·4	38·1	38·1	38·3	38·3	38·6	38·6	38·3	38·3	38·7	38·7	39·0	39·0	39·1	39·1	39·2	39·2	39·5	39·5	39·7	39·7	40·0	40·0	38·2	38·2	22
23	32·4	32·0	32·3	32·1	32·0	32·1	32·1	32·1	32·4	32·1	32·1	32·1	32·4	32·1	32·0	32·1	31·8	32·1	31·0	31·0	30·5	30·5	30·2	30·2	32·4	32·4	23
24	29·6	29·6	30·0	30·0	29·0	29·1	28·3	28·3	28·0	28·0	28·1	28·1	28·0	28·0	27·0	27·0	27·2	27·2	27·4	27·4	27·3	27·3	27·2	27·2	28·4	28·4	24
25	25·9	25·9	25·3	25·1	25·6	25·6	24·9	24·9	24·8	24·8	24·0	24·0	24·0	24·0	23·9	23·9	23·7	23·7	22·4	22·4	21·7	21·8	21·9	21·9	25·4	25·4	25
26	26·2	26·0	26·4	26·0	26·3	26·1	27·3	27·2	28·2	28·0	26·1	26·0	25·8	25·8	24·7	24·7	24·1	24·1	23·9	23·9	23·4	23·4	23·0	23·0	24·8	24·7	26
27	30·0	29·9	27·0	27·0	27·2	27·3	27·4	27·5	27·0	27·0	27·2	27·2	27·1	27·1	28·1	28·1	27·9	27·9	27·9	27·9	28·0	28·1	28·0	28·0	26·1	26·1	27
28	36·1	36·1	36·8	36·8	37·0	37·0	37·0	37·0	37·2	37·2	35·0	35·0	33·3	33·3	33·0	33·0	32·5	32·6	33·2	33·2	33·9	33·9	34·0	34·0	33·2	33·2	28
29	31·0	31·0	31·2	31·2	31·7	31·7	30·9	30·9	31·6	31·6	31·1	31·1	31·3	31·3	31·3	31·3	31·0	31·0	31·3	31·3	31·2	31·2	30·5	30·5	31·2	21·2	29
30	32·0	32·0	32·1	32·1	32·1	32·1	32·0	32·1	31·3	31·3	30·1	30·1	30·3	30·3	29·9	29·9	30·0	30·0	29·4	29·4	29·2	29·2	29·0	29·0	30·8	30·7	30
31																											31
Means.	35·6	35·3	35·6	35·4	35·8	35·5	35·7	35·4	35·5	35·3	35·0	34·9	34·6	34·5	34·4	34·4	34·2	34·2	34·1	34·1	34·0	33·9	33·9	33·8	34·4	34·3	Means.

OCTOBER 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	28·6	28·6	29·0	29·0	30·0	30·0	30·2	30·2	30·0	30·0	30·9	30·9	31·6	31·6	31·7	31·7	31·7	31·7	31·0	31·0	31·2	31·2	31·4	31·4	1
2	32·0	32·0	32·1	32·0	33·9	32·0	35·9	35·9	36·7	36·7	36·9	36·9	36·9	36·9	36·4	36·4	36·0	36·0	35·3	35·3	34·0	34·0	33·6	33·6	2
3	28·6	28·6	28·1	28·1	27·9	27·9	27·1	27·1	26·8	26·8	26·2	26·2	26·9	26·9	26·7	26·7	26·5	26·5	28·2	28·2	28·2	28·2	28·7	28·7	3
4	28·8	28·8	27·8	27·8	28·1	28·1	28·8	28·8	28·8	28·8	28·3	28·3	29·0	29·0	29·2	29·2	29·2	29·2	30·0	30·0	30·0	30·0	30·0	30·0	4
5	25·1	25·1	25·1	25·1	25·2	25·1	26·0	26·0	25·8	25·8	26·2	26·2	26·8	26·8	26·0	26·0	26·3	26·3	26·2	26·2	26·6	26·6	26·7	26·7	5
6	26·3	26·3	26·7	26·7	26·6	26·5	26·6	26·6	27·0	27·0	27·0	27·0	27·0	27·0	27·1	27·1	28·0	28·0	28·2	28·2	29·1	29·1	30·0	30·0	6
7	27·0	27·1	27·7	27·8	27·7	27·7	28·0	28·0	28·1	28·2	28·3	28·5	27·7	27·9	27·3	27·4	28·3	28·3	28·8	28·9	29·1	29·2	29·1	29·1	7
8	26·7	26·9	27·7	27·7	27·4	27·4	27·0	27·1	27·0	27·0	26·8	26·8	27·6	27·6	29·9	29·3	29·3	29·8	29·9	30·0	30·1	30·1	31·3	31·3	8
9	30·0	30·0	30·0	29·9	29·9	29·9	30·0	30·0	30·7	30·7	30·3	30·5	30·2	30·2	29·9	30·1	30·2	30·3	29·8	30·0	30·1	30·0	30·7	30·6	9
10	27·9	27·9	26·2	26·2	25·0	25·0	23·8	23·9	24·3	24·3	25·0	25·0	25·3	25·3	24·4	24·4	23·5	23·5	23·6	23·6	23·0	23·0	23·7	23·7	10
11	22·1	21·1	22·6	22·1	22·1	22·1	21·9	21·9	21·1	21·0	22·9	22·9	23·1	23·1	23·9	23·9	24·7	24·7	24·3	24·3	22·5	22·5	23·0	23·0	11
12	21·1	21·0	21·1	21·1	21·1	21·1	21·1	21·1	21·2	21·2	21·8	21·8	22·1	22·1	22·3	22·3	23·2	23·1	23·4	23·3	24·9	24·9	26·1	26·0	12
13	20·3	20·3	20·3	20·3	20·4	20·4	20·1	20·1	21·3	21·2	22·4	22·4	22·9	22·9	23·4	23·3	24·0	24·0	25·0	24·9	25·2	25·2	25·6	25·6	13
14	24·1	24·1	24·4	24·4	25·1	25·1	25·1	25·1	26·2	26·2	26·9	27·0	27·7	27·7	28·6	28·4	29·0	29·0	29·6	29·6	29·4	29·4	29·0	29·0	14
15	30·0	30·0	30·0	30·0	30·1	30·1	30·5	30·5	31·0	31·0	31·0	31·0	31·5	31·5	31·7	31·7	31·8	31·8	31·8	31·8	31·8	31·8	31·2	31·2	15
16	31·9	32·0	31·9	31·2	31·7	31·0	30·4	30·2	30·0	29·7	30·8	29·9	32·2	30·6	33·7	31·3	36·7	32·0	36·3	32·1	36·6	32·1	35·9	32·1	16
17	29·9	30·0	29·7	29·8	30·1	30·2	31·8	31·0	36·2	33·7	35·9	36·0	34·9	35·0	32·5	32·1	32·1	31·8	33·1	32·0	33·8	32·0	34·1	31·5	17
18	30·4	28·0	30·8	27·1	30·6	28·8	29·9	29·0	28·8	28·9	28·0	27·2	28·0	28·0	29·2	29·2	30·0	30·0	29·3	29·6	29·9	30·0	30·4	30·6	18
19	34·9	28·9	33·1	30·1	32·8	26·9	33·8	28·5	32·7	27·4	31·8	27·8	30·9	27·8	23·3	23·0	22·8	22·9	24·4	23·3	24·9	23·8	24·2	24·2	19
20	25·0	25·0	24·3	24·3	24·4	24·4	24·0	24·0	24·2	24·2	23·9	23·9	23·1	23·0	24·0	24·0	24·3	24·2	24·5	24·3	25·1	25·1	25·9	25·9	20
21	22·0	22·0	21·5	21·8	21·4	21·5	20·5	20·8	20·7	20·7	20·1	20·0	20·1	20·0	21·0	21·0	21·6	21·8	21·8	22·0	22·4	22·9	22·0	22·1	21
22	19·2	18·5	17·9	17·7	18·2	17·9	18·1	17·9	17·5	17·3	17·6	17·1	17·9	17·1	18·9	18·1	20·1	19·0	20·5	19·5	19·8	19·8	20·1	20·3	22
23	20·3	20·3	19·3	19·4	19·7	19·7	19·6	19·6	19·9	19·9	19·3	19·3	19·1	19·1	19·5	19·8	19·8	19·9	20·8	20·8	21·1	20·9	21·8	21·8	23
24	19·1	19·1	18·1	17·3	20·1	17·0	20·0	17·0	21·8	21·8	23·1	23·1	24·0	24·0	25·2	25·1	24·9	24·9	25·1	25·1	24·6	24·6	23·8	23·2	24
25	23·2	18·5	22·4	20·0	21·3	21·4	22·0	22·0	20·7	20·7	21·1	20·9	20·8	20·8	23·0	23·0	23·3	23·3	23·4	23·4	24·0	24·0	23·7	23·7	25
26	31·5	31·5	31·5	31·9	31·2	31·2	30·9	30·9	30·0	30·1	28·8	28·8	29·0	29·0	28·0	28·0	27·4	27·4	26·0	26·0	26·2	26·2	26·9	26·9	26
27	24·3	24·3	23·1	23·2	23·0	23·0	23·1	23·1	22·5	22·7	22·0	22·0	22·4	22·4	22·8	22·8	24·1	24·1	24·9	24·9	25·8	25·8	25·8	25·8	27
28	26·0	26·0	25·8	25·8	25·3	25·3	26·3	26·3	27·0	27·0	26·6	26·6	26·0	26·0	26·0	26·0	26·0	26·0	25·8	25·8	27·0	27·0	27·1	27·1	28
29	26·1	26·1	26·3	26·4	26·1	26·1	26·0	26·0	25·0	25·0	24·0	24·0	23·7	23·7	24·0	24·0	22·5	22·5	23·1	22·8	22·8	22·8	23·9	23·3	29
30	20·7	20·8	20·9	20·9	21·1	21·1	22·0	22·0	23·0	23·0	23·0	23·0	22·2	22·2	22·2	22·2	22·9	22·9	22·9	22·9	23·0	23·0	23·0	23·0	30
31	23·8	23·8	23·8	23·9	24·0	24·0	24·1	24·1	24·5	24·5	24·6	24·6	25·1	25·1	26·1	26·1	26·3	26·3	26·0	26·1	27·0	27·0	27·0	27·0	31
Means.	26·0	25·6	25·8	25·5	25·9	25·4	26·0	25·7	26·1	25·9	26·2	26·0	26·3	26·1	26·4	26·2	26·7	26·5	26·9	26·6	27·1	26·8	27·3	27·0	Means.

OCTOBER 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	31·7	31·7	31·7	32·0	31·4	31·6	31·1	31·1	31·0	31·0	30·0	30·0	30·2	30·2	29·9	29·9	29·0	29·0	29·1	29·1	29·9	29·9	30·9	30·9	30·5	30·6	1
2	33·0	33·0	33·1	33·1	33·0	33·0	33·6	33·6	35·0	35·0	36·8	36·8	34·5	34·5	31·8	32·0	28·4	28·4	28·1	28·1	28·9	28·9	28·7	28·7	33·5	33·4	2
3	29·5	29·5	28·7	28·7	28·3	28·3	28·3	28·3	27·5	27·5	28·4	28·4	28·1	28·1	28·0	28·0	28·3	28·3	28·0	28·0	28·8	28·8	28·7	28·7	27·9	27·9	3
4	29·4	29·5	29·0	29·1	29·9	29·9	29·0	29·0	28·6	28·6	28·0	28·0	27·1	27·1	27·2	27·3	27·0	27·0	26·1	26·1	25·1	25·1	25·1	25·0	28·3	28·3	4
5	26·7	26·7	26·8	26·8	26·3	26·3	26·2	26·2	25·9	25·9	25·7	25·7	25·9	25·9	25·7	25·7	25·8	25·9	25·7	25·7	25·9	25·9	26·1	26·1	26·0	26·0	5
6	30·0	30·0	29·0	29·0	28·2	28·2	27·8	27·9	26·1	26·3	25·8	26·0	26·1	26·1	25·5	25·7	26·1	26·1	26·8	26·8	27·2	27·2	27·6	27·7	27·3	27·4	6
7	28·9	28·9	27·6	27·8	28·7	28·6	28·2	28·3	28·0	28·0	27·4	27·4	27·2	27·3	27·0	27·0	27·0	27·0	27·0	27·0	26·3	26·5	27·0	27·0	27·8	27·9	7
8	29·9	30·0	29·9	29·9	29·7	30·0	29·6	29·8	28·9	29·0	28·8	29·0	28·9	29·0	28·8	28·9	28·5	28·5	29·0	29·0	29·9	29·7	29·9	29·9	28·9	28·9	8
9	31·6	31·1	30·9	31·1	30·4	30·8	30·3	30·8	29·9	30·0	29·5	29·6	29·1	29·1	28·3	28·5	28·7	28·8	28·4	28·6	28·1	28·1	27·9	28·0	29·8	29·9	9
10	24·3	24·3	25·1	24·9	25·1	24·5	24·4	24·2	24·2	24·0	24·1	24·0	23·5	23·5	22·3	22·3	21·4	21·5	20·9	20·9	19·9	19·9	21·2	21·0	23·9	23·8	10
11	24·0	24·0	23·6	23·8	23·1	23·1	22·2	22·2	19·9	19·6	20·3	20·3	20·9	20·9	19·9	19·9	19·2	19·0	20·1	20·1	20·6	20·7	20·5	20·5	22·0	21·9	11
12	26·2	26·2	26·1	26·0	24·9	24·9	24·8	24·8	25·1	25·0	24·0	24·0	22·5	22·6	21·1	21·2	21·1	21·1	21·9	22·0	21·0	21·0	21·1	21·1	22·9	22·9	12
13	26·1	26·0	25·3	25·3	25·9	25·9	25·1	25·1	25·1	25·0	24·8	24·8	24·3	24·3	24·2	24·1	23·9	23·9	23·6	23·6	23·4	23·4	24·0	24·0	23·6	23·6	13
14	28·9	28·9	28·9	28·9	28·3	28·3	28·6	28·6	28·6	28·6	28·3	28·3	28·0	28·0	28·0	28·1	28·0	28·0	28·1	28·1	28·8	28·8	29·1	29·1	27·8	27·8	14
15	31·9	31·7	32·0	32·0	32·0	32·0	32·0	32·0	32·2	32·0	31·6	31·8	32·0	31·2	32·1	32·0	32·0	32·0	32·7	32·7	31·8	31·9	32·0	32·0	31·5	31·5	15
16	32·5	30·6	36·6	31·5	36·6	32·9	35·9	32·5	34·9	32·0	34·4	31·1	34·4	31·3	33·0	30·0	32·9	30·1	32·5	30·1	31·9	30·3	30·9	30·1	33·5	31·1	16
17	34·5	32·1	34·7	30·7	33·4	29·9	32·6	29·0	33·8	27·3	30·7	30·0	30·0	30·0	30·9	31·0	29·9	30·0	29·9	30·0	29·9	30·0	29·8	29·5	32·3	31·1	17
18	31·0	30·3	30·3	30·3	32·1	31·0	29·9	29·9	27·9	28·1	28·9	28·2	28·3	25·2	33·0	29·0	34·0	28·8	34·9	29·4	34·0	28·0	34·9	30·8	30·6	28·9	18
19	25·2	25·2	25·0	25·0	25·2	25·3	25·1	25·1	24·9	25·0	25·4	25·4	25·7	25·7	26·0	26·0	26·0	26·0	25·9	25·9	25·1	25·2	24·9	25·0	27·2	25·8	19
20	26·9	26·9	25·9	26·1	25·1	25·3	24·9	25·0	23·8	23·8	23·0	22·9	22·8	22·8	23·8	23·8	23·5	23·8	22·6	22·9	22·6	22·8	22·9	22·9	24·2	24·2	20
21	22·9	23·0	22·1	22·0	22·7	22·9	22·1	22·0	21·9	21·4	21·3	20·4	21·1	20·0	20·3	19·3	19·8	18·9	20·1	19·0	20·0	18·9	19·3	18·8	21·2	21·0	21
22	20·5	20·9	20·5	20·9	20·1	20·1	19·3	19·6	18·9	18·9	19·1	19·1	19·7	19·9	19·5	19·8	19·5	19·7	18·7	19·0	19·0	19·0	19·9	19·9	19·2	19·0	22
23	22·4	22·4	22·5	22·5	22·1	22·1	22·1	22·0	21·9	21·9	21·4	21·4	22·0	22·0	20·6	20·6	19·9	19·9	20·0	20·0	20·2	20·2	20·1	20·1	20·6	20·6	23
24	24·9	24·9	24·1	24·1	24·1	23·1	22·4	22·4	22·2	22·2	21·0	18·8	21·8	19·2	21·3	20·0	21·2	18·0	23·1	18·1	23·0	17·9	22·9	17·8	22·6	21·2	24
25	24·1	24·1	25·1	25·0	25·4	25·4	26·1	26·1	26·4	26·4	27·4	27·4	28·3	28·3	30·9	30·8	31·5	31·5	31·9	31·9	32·0	32·0	32·0	32·0	25·4	25·1	25
26	26·1	26·1	26·3	26·2	26·2	26·0	25·2	25·1	26·0	26·0	25·7	25·7	25·1	25·1	24·6	24·7	23·9	23·9	24·4	24·4	24·2	24·2	23·5	23·5	27·0	27·0	26
27	25·4	25·5	25·3	25·6	25·1	25·1	25·6	25·6	25·0	25·0	25·3	25·3	25·8	25·8	26·1	26·1	26·0	26·0	26·1	26·1	26·5	26·5	26·1	26·1	24·7	24·7	27
28	28·0	28·0	27·8	27·9	27·0	27·0	26·6	26·6	27·0	27·0	27·2	27·2	27·2	27·2	27·0	27·0	26·7	26·7	26·9	26·9	26·8	26·8	26·0	26·0	26·6	26·6	28
29	25·9	25·9	24·1	24·0	23·8	22·9	23·0	22·3	23·3	21·1	22·7	21·0	24·0	20·7	21·0	20·0	21·5	18·5	22·1	18·4	20·0	19·1	20·6	20·7	23·6	22·8	29
30	22·8	22·8	22·9	22·9	23·0	23·0	23·1	23·1	23·1	23·1	23·2	23·2	23·7	23·7	23·3	23·3	23·4	23·5	23·6	23·6	23·4	23·4	23·6	23·6	22·8	22·8	30
31	27·3	27·3	28·0	28·0	27·8	27·8	27·2	27·3	27·2	27·2	27·8	27·8	27·6	27·7	27·9	27·9	27·9	27·9	27·8	27·8	27·4	27·4	26·9	26·9	26·4	26·4	31
Means.	27·5	27·3	27·4	27·1	27·3	26·9	26·8	26·6	26·6	26·2	26·4	26·1	26·3	25·9	26·1	25·8	25·9	25·4	26·0	25·5	25·9	25·4	25·9	25·6	26·4	26·1	Means.

NOVEMBER 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	26·4	26·4	25·5	25·5	25·2	25·2	25·0	25·0	25·7	25·7	26·2	26·2	27·4	27·5	29·6	29·7	31·3	31·4	31·7	31·7	32·0	32·0	32·8	32·1	1
2	36·9	36·9	37·0	37·0	37·0	37·0	37·0	37·0	37·0	37·0	36·7	36·7	35·0	35·0	35·7	35·7	35·8	35·9	35·4	35·4	35·2	35·2	36·1	36·1	2
3	39·2	39·2	39·2	39·1	39·8	39·8	39·9	40·0	40·0	40·0	41·2	41·2	41·0	41·1	41·8	41·7	40·9	40·9	40·7	40·7	40·3	40·3	40·8	40·8	3
4	27·0	27·0	26·0	26·0	26·3	26·3	25·2	25·2	25·8	25·8	25·0	25·0	24·9	24·9	24·3	24·3	24·6	24·6	25·3	25·3	25·2	25·2	24·9	24·9	4
5	22·5	22·7	23·0	23·0	22·7	23·0	23·0	23·0	22·4	22·3	22·1	22·1	22·2	22·2	22·1	22·1	22·9	22·9	22·3	22·3	21·9	21·9	21·9	21·9	5
6	22·4	22·4	22·8	22·8	23·0	23·0	23·2	23·2	23·9	23·9	24·0	24·0	24·6	24·6	24·9	24·9	25·0	25·0	25·4	25·5	27·2	27·2	29·7	29·7	6
7	37·9	38·0	38·0	38·0	38·1	38·1	38·1	38·1	37·8	37·9	37·7	37·7	37·6	37·6	38·0	38·0	37·4	37·4	37·8	37·8	37·8	37·8	37·7	37·8	7
8	36·2	36·2	36·0	36·0	35·7	35·8	34·2	34·3	33·8	33·8	33·3	33·3	33·2	33·2	33·1	33·1	33·0	33·0	33·0	33·0	33·1	33·1	33·3	33·3	8
9	30·1	30·1	30·0	30·0	30·0	30·1	30·0	30·0	29·7	29·7	29·3	29·3	29·1	29·1	28·9	28·9	28·8	28·8	28·2	28·2	28·2	28·2	28·1	28·1	9
10	34·9	31·1	34·9	31·0	33·2	30·3	34·1	31·0	35·9	31·7	36·9	31·7	37·6	32·3	38·2	32·1	37·9	30·1	40·7	32·3	35·9	30·0	40·1	32·1	10
11	36·1	34·0	37·4	34·2	36·7	33·6	37·4	34·0	36·3	34·0	36·3	33·9	37·8	34·9	37·6	35·0	36·1	34·2	37·1	34·2	38·0	34·1	40·7	34·2	11
12	28·9	29·0	29·0	29·1	29·0	29·1	28·9	29·0	28·9	29·0	28·9	29·0	29·1	29·1	29·1	29·1	29·1	29·2	29·5	29·7	29·0	29·2	28·9	29·0	12
13	30·2	30·2	30·9	31·0	31·1	31·1	31·2	31·2	31·9	31·9	30·7	31·4	27·8	28·0	27·7	27·8	27·7	27·8	27·2	27·2	26·4	26·4	26·5	26·5	13
14	25·5	25·4	25·0	25·0	24·3	24·3	24·1	24·1	23·1	23·1	22·7	22·7	22·7	22·7	22·1	22·1	22·2	22·2	21·4	21·4	19·5	19·5	19·6	19·7	14
15	15·1	15·1	15·0	15·0	14·9	15·0	15·1	15·1	15·1	15·1	14·3	14·3	15·0	15·0	14·5	14·5	15·0	14·9	17·2	17·2	17·0	16·3	18·6	18·0	15
16	19·4	16·1	17·5	16·2	17·1	16·8	18·0	18·0	18·4	18·4	17·8	17·9	17·8	17·8	18·0	18·0	18·1	18·2	18·4	18·6	18·9	18·7	24·1	20·0	16
17	22·5	20·1	21·9	20·1	22·8	20·8	26·1	21·1	26·9	21·9	28·9	22·9	27·8	22·2	27·0	22·9	28·8	23·0	29·6	22·7	30·1	23·3	30·4	24·2	17
18	33·5	23·5	32·0	23·5	33·8	23·9	34·2	23·6	36·3	26·0	36·5	26·8	36·4	26·4	35·1	26·0	35·0	36·0	34·8	26·9	36·8	28·6	38·0	27·1	18
19	24·0	24·0	24·0	24·0	23·9	24·0	23·3	23·3	23·1	23·1	22·6	22·8	21·8	21·8	21·2	21·2	21·7	21·7	21·4	21·4	22·0	22·0	21·8	21·8	19
20	23·0	23·0	23·0	23·0	22·9	22·9	23·0	23·0	22·9	22·9	23·0	23·0	22·8	22·8	23·0	23·0	23·2	23·2	23·3	23·3	24·1	24·1	24·2	24·2	20
21	29·1	29·1	28·9	28·9	31·1	31·3	33·3	33·0	31·8	32·0	33·2	31·1	33·4	30·8	33·0	29·9	34·0	30·1	34·7	30·6	36·1	31·1	37·7	33·7	21
22	37·9	29·1	39·0	28·2	38·9	29·0	39·2	28·9	39·6	29·0	39·3	28·8	39·9	31·0	40·0	35·1	39·2	32·4	37·0	30·5	38·9	31·4	39·5	31·3	22
23	33·6	29·0	32·2	27·5	32·9	29·1	32·9	28·1	33·2	31·1	31·6	29·8	30·0	30·3	31·8	31·9	25·0	25·0	25·1	25·1	26·0	26·0	26·1	26·1	23
24	20·2	20·2	20·8	20·9	20·1	20·1	21·0	21·0	21·0	21·1	22·0	22·0	22·8	22·8	24·0	24·0	24·4	24·4	24·6	24·6	25·0	25·0	26·1	26·1	24
25	25·2	25·2	25·8	25·9	26·0	26·0	26·1	26·1	25·8	25·8	25·9	25·9	25·8	25·8	25·9	25·9	26·2	26·2	26·3	26·4	26·1	26·1	25·9	26·0	25
26	24·0	24·0	24·4	24·4	25·0	25·0	25·0	25·0	25·0	25·0	25·8	25·8	26·1	26·1	26·7	26·7	27·0	27·0	26·8	26·9	26·5	26·7	26·1	26·2	26
27	27·1	27·1	27·3	27·3	29·9	30·0	31·8	31·8	31·9	32·0	31·9	32·0	31·9	32·0	31·9	32·0	31·9	32·0	32·1	32·0	31·9	32·0	30·1	30·3	27
28	23·8	23·9	23·6	23·6	23·4	23·4	24·0	24·0	24·1	24·1	26·0	26·0	26·1	26·1	25·1	25·1	24·1	24·1	24·1	24·1	24·0	24·0	23·8	23·8	28
29	22·9	22·9	24·0	24·0	24·9	24·9	24·8	24·8	25·1	25·1	25·8	25·8	24·1	24·1	23·4	23·4	23·1	23·1	23·7	23·7	25·1	25·1	25·1	25·1	29
30	26·9	27·0	27·1	27·1	26·7	26·7	26·0	26·0	26·1	26·1	26·1	26·1	25·8	25·8	25·9	25·9	26·1	26·1	26·2	26·2	26·7	26·7	27·2	27·2	30
31																									31
Means.	28·1	26·9	28·0	26·9	28·2	27·2	28·5	27·3	28·6	27·5	28·7	27·5	28·6	27·4	28·7	27·7	28·5	27·4	28·7	27·5	28·8	27·6	29·5	27·9	Means.

NOVEMBER 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	34·2	34·2	34·0	34·1	33·6	33·7	33·2	33·2	34·2	34·2	34·9	34·9	35·0	35·0	35·1	35·1	35·2	35·2	35·9	36·0	36·2	36·2	36·3	36·3	31·5	31·5	1
2	36·0	36·0	36·7	36·7	36·6	36·6	37·0	37·0	37·0	37·0	37·9	37·8	37·6	37·6	38·0	38·0	38·1	38·1	38·9	38·9	39·0	39·0	39·0	39·0	36·9	36·9	2
3	41·1	41·1	40·8	40·9	40·6	40·5	40·1	40·1	39·2	39·2	38·3	38·3	35·1	35·1	32·1	32·1	31·0	32·0	29·3	29·3	29·5	29·5	29·0	29·0	38·0	38·0	3
4	25·2	25·2	25·2	25·2	24·7	24·7	25·1	25·1	24·8	24·8	24·9	24·9	23·9	24·0	24·0	24·0	23·1	23·1	23·3	23·3	23·0	23·0	22·9	22·9	24·8	24·8	4
5	20·8	20·8	21·1	21·1	22·0	22·0	21·1	21·1	21·3	21·3	21·9	21·9	21·8	21·8	21·3	21·4	22·0	22·0	21·6	21·6	21·8	21·8	22·0	22·0	22·0	22·0	5
6	31·5	31·6	31·9	32·0	34·1	33·8	35·2	35·2	35·9	36·1	35·9	36·0	36·7	36·9	36·9	36·9	37·0	37·0	37·1	37·1	37·8	38·0	37·9	38·0	30·2	30·2	6
7	37·9	37·9	37·7	37·8	37·8	37·9	37·6	37·6	37·0	37·0	36·8	36·8	36·3	36·3	36·0	36·0	35·9	36·0	36·0	36·0	36·2	36·2	36·1	36·2	37·3	37·3	7
8	33·7	33·8	33·0	33·0	33·0	33·1	32·8	33·0	32·8	32·7	32·3	32·3	32·0	32·0	31·9	32·0	31·9	32·0	32·0	32·0	31·8	32·0	30·4	30·7	33·1	33·2	8
9	28·3	28·3	27·9	28·0	28·8	28·0	29·0	29·0	30·2	28·9	26·8	26·9	28·6	27·4	28·1	27·1	30·0	27·3	32·7	29·0	34·9	31·0	33·9	31·0	29·6	28·8	9
10	38·6	33·7	40·0	34·6	38·7	35·0	37·5	34·9	37·5	34·9	37·9	35·0	36·8	34·0	36·4	34·0	37·3	34·6	36·0	34·0	35·9	33·2	36·9	34·2	37·1	32·8	10
11	37·6	33·1	37·9	33·0	39·0	33·0	40·0	34·0	39·1	33·0	38·1	32·7	38·8	32·9	38·3	34·0	38·1	33·0	32·1	30·3	28·7	29·3	28·1	28·7	36·8	33·2	11
12	28·8	28·9	28·1	28·1	28·0	28·0	27·9	28·0	28·0	28·0	28·0	28·0	28·2	28·2	28·1	28·1	28·7	28·7	29·0	29·0	29·2	29·2	30·0	30·0	28·8	28·8	12
13	26·2	26·2	26·0	26·0	26·0	26·0	26·0	26·0	26·3	26·3	27·1	27·1	26·9	26·9	26·9	26·9	26·8	26·8	26·4	26·4	26·5	26·6	26·0	26·0	27·8	27·8	13
14	18·8	18·9	18·0	18·0	17·8	17·8	17·9	17·9	18·0	18·0	17·8	17·8	16·2	16·2	16·2	16·2	16·0	16·0	14·1	14·1	15·0	15·0	15·1	15·1	19·7	19·7	14
15	17·2	16·8	17·0	16·5	16·3	16·0	15·2	15·2	16·1	15·0	16·1	14·7	16·1	14·8	15·5	15·1	15·9	15·2	16·0	15·7	18·1	16·0	18·1	15·9	16·0	15·5	15
16	19·1	19·3	24·9	20·1	22·3	19·2	21·9	19·0	23·2	19·3	20·8	19·7	21·1	19·3	22·1	19·1	23·6	19·7	22·0	19·4	25·9	20·5	25·1	21·0	20·6	18·8	16
17	30·5	24·0	29·8	24·2	29·9	23·9	29·8	23·1	31·1	22·1	31·5	23·8	31·1	24·3	32·1	24·0	32·8	25·4	34·0	26·1	33·0	23·9	33·7	24·9	29·3	23·1	17
18	37·9	26·1	38·9	26·3	38·6	26·8	37·1	25·2	34·2	24·0	32·2	22·6	31·6	21·9	28·0	20·6	25·9	20·9	22·4	22·4	23·7	23·7	24·0	24·0	33·2	24·7	18
19	21·7	21·8	21·1	21·1	20·3	20·3	20·3	20·4	20·5	20·5	21·1	21·1	21·3	21·3	22·0	22·0	22·1	22·1	22·4	22·4	22·6	22·7	22·9	22·9	22·0	22·1	19
20	24·5	24·5	24·6	24·6	25·0	25·0	24·6	24·7	24·2	24·2	26·7	26·7	27·8	27·8	29·2	29·2	29·5	29·1	32·0	31·2	33·4	32·0	30·9	31·0	25·4	25·4	20
21	38·0	34·1	37·9	31·7	37·1	30·9	36·0	32·3	36·8	31·3	37·6	31·6	37·8	32·0	37·5	32·0	39·7	35·6	38·2	34·0	39·0	34·0	38·1	32·0	35·4	31·8	21
22	39·3	31·7	39·7	31·7	37·8	30·9	37·4	30·6	37·8	31·3	36·7	30·5	36·9	30·6	36·2	31·8	35·9	32·2	35·9	32·1	35·9	34·1	34·2	30·0	33·0	30·9	22
23	26·7	26·7	26·6	26·8	26·8	26·9	26·8	26·9	27·0	27·0	26·7	26·8	26·0	26·0	25·0	25·0	24·4	24·4	23·5	23·5	22·6	22·6	21·0	21·0	27·6	26·8	23
24	26·1	26·1	25·5	25·5	25·0	25·0	25·3	25·3	25·1	25·1	24·7	24·7	24·7	24·7	25·0	25·0	25·0	25·0	25·0	25·0	25·1	25·1	25·3	25·3	23·9	23·9	24
25	25·3	25·4	24·9	24·9	24·0	24·1	23·4	23·7	23·2	23·2	23·3	23·3	23·1	23·1	23·1	23·1	23·1	23·1	23·1	23·2	23·3	23·3	24·0	24·0	24·8	24·8	25
26	26·4	26·5	26·8	26·9	27·0	27·0	27·2	27·2	26·2	26·2	25·5	25·5	25·3	25·3	25·0	25·0	25·0	25·0	25·2	25·2	25·2	25·2	26·1	26·1	25·8	25·8	26
27	29·3	29·6	28·1	28·1	27·6	27·6	26·1	26·1	25·9	25·9	25·7	25·7	25·7	25·7	25·2	25·2	25·0	25·0	25·0	25·0	24·4	24·4	24·4	24·4	28·4	28·5	27
28	24·0	24·0	22·3	22·3	22·7	22·8	22·4	22·4	22·7	22·7	22·5	22·5	22·2	22·3	22·9	22·9	23·8	24·0	23·2	23·2	24·0	24·0	24·0	24·0	23·7	23·7	28
29	25·1	25·1	25·9	25·9	28·0	28·0	30·9	30·9	32·0	32·0	32·0	32·0	34·0	34·0	31·9	32·0	30·1	30·1	29·0	29·0	29·2	29·2	28·0	28·0	27·0	27·0	29
30	27·2	27·2	27·2	27·2	27·7	27·8	27·9	27·9	27·7	27·7	27·7	27·7	26·9	26·9	27·1	27·1	27·2	27·2	26·9	27·0	27·0	27·0	27·7	27·7	26·9	26·9	30
31																											31
Means.	29·2	28·0	29·3	27·7	29·2	27·7	29·1	27·8	29·2	27·6	29·0	27·6	28·8	27·5	28·6	27·4	28·7	27·5	28·3	27·4	28·6	27·6	28·4	27·4	28·7	27·5	Means.

DECEMBER 1885.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·9	27·9	28·0	28·0	27·2	27·2	27·0	27·0	25·5	25·5	24·9	24·9	25·4	25·4	26·0	26·0	25·3	25·3	25·8	25·8	26·2	26·2	26·2	26·2	1
2	28·0	28·0	29·0	29·0	28·3	28·3	28·4	28·4	28·7	28·7	28·8	28·8	28·4	28·4	28·2	28·2	28·3	28·3	28·4	28·4	28·9	28·9	29·0	29·0	2
3	22·0	22·0	22·0	22·0	22·1	22·1	22·6	22·6	22·9	22·9	23·0	23·0	23·8	23·8	24·0	24·0	23·7	23·7	24·1	24·1	24·3	24·3	25·2	25·2	3
4	32·7	32·8	33·1	33·1	33·0	33·0	30·1	32·0	30·1	30·2	29·1	29·3	28·9	28·9	25·6	25·6	24·7	24·7	23·9	23·9	23·8	23·8	23·4	23·4	4
5	22·0	22·0	21·1	21·1	21·3	21·2	20·3	20·3	20·2	20·2	20·1	20·1	20·1	20·1	19·4	19·4	19·4	19·4	19·0	19·0	19·4	19·4	19·1	19·1	5
6	14·2	14·3	14·0	14·0	13·2	13·2	12·1	12·1	11·1	11·1	10·2	10·2	9·7	9·7	9·1	9·1	9·0	9·0	9·2	9·2	9·5	9·6	10·1	10·1	6
7	11·1	11·0	11·2	11·1	11·0	11·0	11·5	11·8	12·1	12·1	12·1	12·1	12·4	12·4	12·8	12·8	12·4	12·5	12·3	12·3	12·8	12·8	13·9	13·9	7
8	12·0	12·0	12·1	12·1	12·0	12·0	12·0	12·0	12·4	12·4	12·5	12·5	12·2	12·2	12·6	12·6	12·1	12·1	11·9	11·9	11·2	11·3	11·2	11·2	8
9	16·0	16·0	17·5	17·5	19·0	19·0	20·3	20·4	19·4	19·4	19·7	19·7	19·6	19·6	20·1	20·1	21·3	21·3	23·4	23·3	24·2	24·1	22·1	22·0	9
10	10·7	10·6	9·4	9·4	9·9	9·9	10·0	10·0	9·9	9·9	9·5	9·5	10·4	10·4	10·6	10·6	11·2	11·0	11·4	11·3	11·3	11·1	11·6	11·3	10
11	18·2	18·2	19·3	19·2	20·1	20·0	21·0	21·0	22·1	22·1	22·1	22·1	22·9	22·9	23·8	23·8	24·8	24·8	25·9	25·9	26·9	26·9	27·2	27·2	11
12	29·2	29·2	29·3	29·3	29·0	29·0	28·4	28·4	28·2	28·2	28·4	28·4	28·7	28·7	29·7	29·7	30·0	30·0	30·2	30·2	30·7	30·7	30·9	30·9	12
13	32·0	32·1	32·0	32·0	31·9	32·0	32·0	32·0	32·0	32·0	31·8	32·0	31·9	32·0	32·0	32·0	32·1	32·1	32·8	32·1	33·3	33·3	33·8	33·8	13
14	34·0	34·0	34·2	34·2	33·1	33·1	32·8	32·8	31·9	32·0	31·6	32·0	30·7	31·0	30·2	30·2	31·0	31·2	31·9	31·9	32·0	32·0	32·1	32·1	14
15	32·0	32·0	32·0	32·0	31·9	31·9	31·2	31·5	31·0	31·0	30·8	30·9	30·8	31·0	30·7	30·8	30·1	30·2	29·8	29·9	30·6	30·2	30·9	30·3	15
16	31·7	31·7	33·0	32·0	35·0	35·0	34·8	34·8	34·2	34·2	34·9	34·9	35·0	35·0	35·9	35·9	36·8	36·9	37·1	37·1	37·7	37·8	37·6	37·6	16
17	34·8	34·8	35·7	35·8	36·7	36·9	36·1	36·2	37·9	37·9	40·1	38·9	37·9	38·1	37·6	37·8	38·0	38·0	38·8	38·7	38·1	38·2	37·9	38·1	17
18	40·5	40·7	40·1	40·1	40·9	40·9	40·3	40·1	40·2	40·0	40·2	39·9	40·9	39·6	41·1	39·3	41·7	39·8	41·1	39·3	40·8	39·2	40·8	39·1	18
19	37·3	33·1	40·0	32·9	39·7	32·9	41·9	33·3	41·1	32·2	41·6	32·6	40·2	32·0	40·7	32·0	38·0	30·2	37·0	30·0	31·9	30·0	31·5	29·6	19
20	26·8	26·9	26·3	26·4	26·8	26·9	26·1	26·1	26·7	26·8	27·1	27·1	27·1	27·2	27·9	28·0	28·3	28·5	28·9	29·0	29·2	29·3	29·9	30·0	20
21	30·6	28·1	30·2	28·0	30·3	28·0	29·9	27·1	27·9	27·0	27·9	28·0	28·4	28·5	28·2	28·2	28·2	28·2	28·0	28·0	28·1	28·1	25·0	25·0	21
22	24·2	24·2	24·0	24·0	23·9	23·9	23·6	23·7	23·7	23·7	23·3	23·3	22·7	22·7	22·1	22·1	20·0	20·0	21·1	21·1	21·3	21·3	22·2	22·2	22
23	23·9	19·6	18·8	17·2	26·1	20·9	19·1	19·3	19·6	19·7	20·7	20·7	21·7	21·7	22·9	22·9	22·9	22·9	23·8	23·8	24·9	24·9	26·0	26·0	23
24	31·2	31·3	31·9	31·9	32·0	32·0	32·0	32·0	32·1	32·1	33·3	33·3	33·0	33·0	33·1	33·1	33·3	33·5	34·6	34·8	35·2	35·3	34·2	34·3	24
25	29·1	29·4	28·9	29·2	29·3	29·4	29·6	29·8	29·3	29·6	29·1	29·2	30·1	30·2	31·2	31·3	31·8	31·9	31·6	31·6	30·0	30·1	29·1	29·2	25
26	27·0	27·0	26·8	26·9	26·0	26·0	26·0	26·0	25·2	25·2	25·1	25·1	25·1	25·1	25·7	25·7	25·2	25·2	25·5	25·6	25·2	25·2	26·6	26·6	26
27	27·1	27·1	27·9	27·9	27·3	27·3	28·0	28·0	27·9	27·9	28·2	28·2	27·7	27·8	27·7	27·7	29·0	29·0	30·0	30·0	31·0	31·0	31·0	31·0	27
28	28·2	28·0	28·1	28·1	28·0	28·0	27·0	27·0	27·0	27·0	27·1	27·1	28·0	28·0	27·9	27·9	28·2	28·2	24·0	24·1	22·8	23·0	20·0	20·0	28
29	16·1	16·1	16·0	16·0	15·1	15·1	14·0	14·0	12·3	12·3	8·9	8·9	9·1	9·0	9·7	9·7	11·1	11·0	11·2	11·1	10·0	10·0	8·4	8·4	29
30	16·8	16·8	16·1	16·1	16·1	16·1	16·0	16·0	16·3	16·3	16·9	16·9	17·5	17·5	18·9	18·9	19·1	19·1	20·2	20·2	22·4	22·4	23·6	23·6	30
31	32·5	32·5	32·2	32·2	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·7	32·7	33·3	33·3	33·8	33·8	33·7	33·7	33·0	33·0	32·1	32·1	31
Means.	25·8	25·5	25·8	25·4	26·1	25·6	25·7	25·4	25·5	25·2	25·5	25·2	25·6	25·3	25·8	25·4	25·8	25·5	26·0	25·7	26·0	25·9	25·9	2·58	Means.

DECEMBER 1885.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	26·9	26·9	27·3	27·3	27·5	27·5	27·5	27·5	28·8	28·8	29·8	29·8	30·1	30·1	29·9	29·9	30·0	30·0	30·0	30·0	29·6	29·6	30·0	30·0	27·6	27·6	1
2	29·2	29·2	29·8	29·8	27·1	27·1	25·9	25·9	25·8	25·9	23·9	24·0	23·6	23·6	22·3	22·3	21·8	21·9	21·0	21·0	20·1	20·1	21·8	21·8	26·4	26·5	2
3	25·2	25·2	26·7	26·8	24·2	24·2	23·2	23·2	23·0	23·0	24·4	24·4	27·0	27·0	31·1	31·1	32·0	32·0	32·0	32·0	32·8	32·9	33·1	33·1	25·6	25·6	3
4	23·3	23·3	21·8	21·8	22·0	22·0	22·2	22·2	22·1	22·1	21·9	21·9	22·1	22·1	22·2	22·2	22·7	22·7	23·0	23·0	23·0	23·0	23·0	23·0	25·3	25·4	4
5	18·3	18·3	18·0	18·0	17·5	17·6	17·6	17·6	17·3	17·3	17·0	17·0	16·5	16·5	16·1	16·1	15·9	15·9	15·8	15·8	15·5	15·7	15·1	15·1	18·4	18·4	5
6	9·8	9·8	9·4	9·5	9·9	9·6	9·9	10·0	9·8	9·5	10·0	10·0	10·1	10·1	10·3	10·4	10·6	10·3	11·1	10·6	11·2	10·4	11·2	10·8	10·6	10·5	6
7	14·2	14·2	15·5	15·5	16·0	16·0	15·2	15·2	14·8	14·8	14·3	14·3	14·2	14·2	14·0	14·0	13·3	13·3	13·0	13·0	11·9	12·0	11·5	11·6	13·1	13·1	7
8	11·4	11·4	11·2	11·2	11·2	11·2	11·2	11·2	11·2	11·2	11·6	11·6	11·5	11·5	12·1	12·0	12·4	12·4	13·0	13·0	14·0	14·0	15·0	15·0	12·1	12·1	8
9	18·0	18·0	16·1	16·1	15·0	15·0	14·2	14·2	13·5	13·5	14·0	14·0	14·0	14·0	14·2	14·2	14·7	14·8	14·5	14·5	13·5	13·5	11·9	12·0	17·3	17·3	9
10	12·0	11·9	11·8	11·9	12·2	12·2	13·0	13·0	13·2	13·2	13·0	13·0	13·5	13·5	14·2	14·2	15·0	15·0	15·2	15·2	17·3	17·2	17·5	17·5	12·2	12·2	10
11	28·3	28·3	28·0	28·0	28·6	28·6	28·9	28·9	28·8	28·8	28·3	28·3	28·3	28·3	28·7	28·7	29·4	29·5	29·8	29·8	29·0	29·0	28·8	28·8	25·8	25·8	11
12	31·3	31·3	31·7	31·7	32·0	32·0	32·1	32·1	32·2	32·2	32·3	32·5	32·3	32·3	32·1	32·1	32·0	32·0	32·3	32·3	32·1	32·1	32·2	32·2	30·7	30·7	12
13	34·1	34·1	34·7	34·8	34·9	35·0	35·0	35·1	34·8	34·8	35·0	35·0	34·9	34·9	35·1	35·1	35·1	35·1	35·1	35·2	35·2	35·2	35·0	35·0	33·6	33·6	13
14	33·9	33·9	34·1	34·2	34·3	34·3	34·2	34·3	33·8	33·8	33·6	33·6	33·4	33·4	33·0	33·0	32·9	32·9	32·6	32·7	32·2	32·2	32·0	32·0	32·7	32·8	14
15	30·2	30·2	29·9	30·0	30·6	29·8	30·2	29·9	31·3	29·7	30·1	30·0	29·7	29·9	30·0	30·0	30·0	30·2	30·1	30·2	30·0	30·0	30·0	30·0	30·6	30·5	15
16	36·9	37·0	36·7	36·8	36·3	36·3	36·4	36·4	35·9	36·0	35·1	35·2	34·5	34·6	34·9	35·0	34·0	34·1	34·1	34·1	35·3	35·6	35·1	35·3	35·4	35·4	16
17	37·7	37·4	37·9	38·1	38·0	38·0	37·4	36·9	38·0	37·8	38·5	37·9	39·6	38·9	38·3	38·3	38·9	38·9	41·5	41·2	40·6	39·5	41·9	41·5	38·2	38·1	17
18	41·2	38·3	41·3	37·8	41·4	37·6	40·2	38·0	41·8	40·3	42·9	42·1	40·8	38·9	41·7	40·0	40·9	37·2	40·9	36·4	39·7	37·0	39·9	39·3	40·9	39·2	18
19	30·7	29·2	30·0	29·8	32·9	32·0	31·1	31·0	30·0	29·0	30·1	27·8	28·2	27·3	26·6	26·7	28·7	29·0	26·1	26·2	26·7	26·7	28·2	28·2	33·8	30·2	19
20	29·8	29·9	30·3	30·3	30·8	30·9	30·9	30·9	31·3	31·3	31·0	31·2	29·1	29·2	29·1	29·2	29·1	29·1	28·9	29·0	28·0	27·5	30·3	28·3	28·7	28·7	20
21	27·2	27·2	26·9	26·9	26·8	26·8	26·3	26·3	26·0	26·0	26·0	26·0	25·7	25·7	25·4	25·4	24·8	24·8	24·6	24·6	24·3	24·3	24·2	24·2	27·1	26·7	21
22	21·0	21·0	20·0	20·0	19·6	19·7	19·3	19·5	19·0	19·1	18·1	18·1	17·1	17·1	17·2	17·2	17·1	17·1	17·0	17·0	17·0	17·0	24·0	20·1	20·8	20·6	22
23	26·8	26·8	27·2	27·2	27·9	27·9	28·0	28·0	28·2	28·2	28·8	28·8	28·3	28·4	28·5	28·5	29·2	29·2	29·8	30·0	30·7	30·7	31·1	31·1	25·6	25·2	23
24	35·0	35·0	35·7	35·7	36·0	36·0	36·2	36·3	35·6	35·7	36·0	36·1	36·2	36·4	37·0	36·8	38·7	32·7	39·8	32·8	30·9	30·0	33·7	30·2	34·4	33·8	24
25	29·0	29·1	28·8	28·8	28·0	28·0	28·0	28·0	27·7	27·7	27·6	27·7	27·2	27·2	27·4	27·6	27·1	27·1	27·1	27·1	27·2	27·2	26·9	27·0	28·8	28·9	25
26	26·1	26·1	27·0	27·0	26·2	26·2	27·0	27·0	27·0	27·0	27·2	27·2	30·8	30·2	27·2	27·3	27·1	27·2	27·0	27·0	27·0	27·1	27·4	27·4	26·5	26·5	26
27	31·0	31·0	31·1	31·0	31·0	30·9	31·0	31·0	31·0	31·0	31·1	31·1	30·7	30·7	30·1	30·1	30·0	30·0	29·9	29·9	29·0	29·3	28·1	28·1	29·4	29·5	27
28	17·3	17·7	17·1	17·1	16·2	16·2	16·0	16·0	15·0	15·0	15·1	15·0	15·1	15·0	14·9	14·9	14·8	14·8	16·0	16·0	14·9	14·9	16·9	16·9	21·1	21·1	28
29	9·1	9·1	10·6	10·6	10·1	10·1	9·2	9·2	9·8	9·8	10·6	11·0	11·4	11·4	12·5	12·5	13·3	13·3	14·3	14·3	15·2	15·3	16·0	16·0	11·8	11·8	29
30	28·2	28·1	30·3	30·2	31·0	31·0	32·0	32·0	32·1	32·1	32·3	32·3	32·3	32·3	32·2	32·2	32·7	32·7	32·9	32·9	32·9	33·0	32·8	32·8	25·1	25·1	30
31	32·7	32·7	32·1	32·1	32·6	32·6	33·0	33·0	34·0	34·0	34·1	34·1	34·2	34·2	34·2	34·2	34·3	34·3	35·2	35·2	36·0	36·0	36·0	36·0	33·3	33·3	31
Means.	26·0	25·9	26·1	26·0	26·1	25·9	25·9	25·8	25·9	25·8	25·9	25·8	25·9	25·8	25·9	25·8	26·1	25·8	26·2	25·9	25·9	25·7	26·5	26·1	25·9	25·7	Means.

JANUARY 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	35·1	35·1	35·3	35·3	35·9	35·9	36·0	36·0	36·2	36·2	36·1	36·1	36·3	36·3	36·3	36·3	36·4	36·4	36·4	36·4	36·9	36·9	36·9	36·9	1
2	29·1	29·1	28·1	28·1	28·2	28·2	27·6	27·7	27·0	27·0	26·6	26·6	25·3	25·3	26·0	26·0	26·2	26·2	26·2	26·2	25·3	25·3	26·0	26·0	2
3	25·1	25·1	26·5	26·5	27·0	27·0	27·4	27·4	27·1	27·1	29·1	29·1	30·0	30·0	32·0	32·0	32·1	32·1	33·3	33·3	34·2	34·2	34·7	34·7	3
4	21·8	21·8	21·3	21·3	21·2	21·2	20·1	20·1	20·3	20·3	20·1	20·1	20·3	20·3	19·7	19·7	20·3	20·3	20·1	20·1	20·2	20·1	19·9	19·9	4
5	19·0	19·0	19·2	19·2	20·0	20·0	20·0	20·0	20·0	20·0	20·8	20·8	20·0	20·0	19·6	19·7	19·5	19·5	19·8	19·9	20·0	20·0	17·9	18·0	5
6	12·8	12·9	11·4	11·4	11·2	11·2	11·9	11·9	12·1	12·1	11·8	11·8	11·5	11·2	12·2	11·8	12·2	12·0	12·5	12·4	13·0	12·9	13·0	12·2	6
7	10·3	10·3	10·2	10·0	10·2	10·2	11·4	11·3	14·2	14·2	15·2	15·2	14·8	14·7	13·0	13·0	13·9	13·9	15·0	14·9	17·0	17·0	19·0	19·0	7
8	12·5	12·5	13·1	13·1	13·1	13·1	12·6	12·6	13·2	13·2	13·8	13·8	13·8	13·8	13·8	13·8	13·8	13·8	13·0	13·0	12·2	12·3	12·4	12·6	8
9	11·8	11·8	12·0	12·0	12·3	12·3	13·6	13·6	12·8	12·8	12·8	12·8	12·4	12·4	12·8	12·8	12·8	12·8	12·2	12·1	13·2	13·0	13·4	13·7	9
10	25·3	24·3	25·1	25·0	26·3	26·0	25·0	25·0	26·3	26·3	26·0	26·0	21·9	22·0	22·2	22·3	24·0	24·0	25·6	25·6	27·4	27·4	28·0	28·1	10
11	27·0	27·0	26·6	26·6	26·0	26·0	25·4	25·4	25·4	25·4	25·2	25·2	23·1	23·1	22·1	22·1	18·3	18·6	18·1	18·1	18·1	18·2	18·2	18·3	11
12	17·3	17·3	19·0	19·0	20·0	20·0	20·1	20·1	22·7	22·7	23·1	23·1	24·0	24·0	25·9	25·9	27·7	27·7	30·0	30·0	30·9	31·0	32·0	32·0	12
13	31·7	31·7	30·4	30·5	29·8	29·9	26·3	26·3	23·5	23·7	21·0	21·0	20·4	20·4	20·2	20·2	19·2	19·2	18·8	18·9	19·3	19·4	20·1	20·1	13
14	17·4	17·4	17·1	17·1	17·0	17·0	16·8	16·8	16·9	16·9	16·5	16·5	18·1	17·3	25·1	19·6	21·2	19·7	23·1	19·9	19·4	19·6	20·5	20·6	14
15	28·3	28·4	27·5	27·5	26·8	26·9	25·2	25·2	25·2	25·2	24·1	24·2	23·0	23·0	21·9	21·9	21·1	21·1	20·9	20·9	19·0	19·0	19·1	19·1	15
16	17·2	17·2	16·9	16·9	17·9	17·9	17·3	17·3	17·0	17·0	17·2	17·2	18·0	18·0	17·5	17·5	17·0	17·0	17·1	17·1	18·0	18·0	18·1	18·1	16
17	19·2	19·2	17·1	17·0	16·0	16·0	15·9	15·9	15·6	15·6	16·0	16·0	16·0	16·0	15·2	15·2	15·3	15·3	15·8	15·8	16·1	16·1	15·6	15·6	17
18	13·1	13·0	13·0	13·0	13·7	13·7	13·1	13·0	11·7	11·7	10·5	10·6	12·0	10·5	11·2	10·0	10·6	10·7	11·8	11·8	13·2	11·3	13·4	11·1	18
19	13·3	13·3	14·0	14·0	14·2	14·2	14·2	13·0	15·2	11·9	14·1	11·1	12·2	10·0	14·2	14·0	14·2	14·1	15·2	15·2	16·9	16·9	18·4	18·5	19
20	18·1	18·0	18·1	18·1	18·0	18·0	18·1	18·0	19·1	17·1	19·2	18·9	19·9	19·9	18·9	18·9	17·7	17·7	18·1	18·0	18·8	18·8	18·6	18·7	20
21	18·2	18·2	19·2	19·2	20·0	20·0	20·1	20·1	20·1	20·1	21·0	21·0	20·9	20·9	21·0	21·0	20·6	20·6	20·7	20·7	21·0	21·0	20·2	20·2	21
22	19·3	19·3	19·8	19·8	19·5	19·5	19·4	19·4	19·0	19·0	18·0	18·0	18·8	18·8	20·0	20·0	21·1	21·1	21·1	21·1	21·1	21·1	20·7	20·8	22
23	16·4	16·1	16·1	16·0	16·1	16·2	18·2	18·2	18·5	18·5	18·3	18·3	19·9	19·9	20·1	20·1	20·9	20·9	21·0	21·0	21·2	21·2	21·0	21·0	23
24	18·8	18·8	18·9	18·9	18·9	18·9	19·0	19·0	19·0	19·0	19·0	19·0	19·6	19·7	19·5	19·5	19·2	19·2	19·1	19·1	19·1	19·1	19·1	19·1	24
25	18·9	18·9	18·8	18·8	17·1	17·1	16·2	16·2	16·0	16·0	17·3	17·3	17·1	17·1	16·7	16·7	16·3	16·3	16·9	16·9	17·1	17·1	17·6	17·6	25
26	21·0	21·0	21·4	21·4	21·7	21·7	22·0	22·0	22·2	22·2	21·9	21·9	21·1	21·1	20·3	20·3	21·5	21·5	21·9	21·9	21·5	21·6	21·0	21·0	26
27	22·2	22·1	22·4	22·4	23·1	23·0	23·1	23·0	22·9	22·9	22·3	22·3	21·2	21·2	20·4	20·4	20·5	20·5	21·3	21·3	22·0	22·0	22·3	22·3	27
28	21·0	21·0	21·0	21·0	20·8	20·9	20·4	20·4	20·5	20·5	20·8	20·8	20·4	20·4	20·2	20·2	20·1	20·1	20·1	20·1	20·9	20·9	21·1	21·0	28
29	23·1	23·0	24·0	24·0	23·5	23·5	23·8	23·9	23·9	23·9	24·0	24·0	24·3	24·3	24·0	24·0	24·0	24·0	24·0	24·0	24·0	24·0	24·0	24·0	29
30	18·1	18·0	18·0	18·0	18·1	18·1	18·1	18·1	18·6	18·6	19·1	19·1	19·1	19·1	18·3	18·3	18·1	18·1	18·5	18·5	19·1	19·0	19·5	19·4	30
31	15·0	15·0	15·1	15·1	15·1	15·1	16·0	16·0	15·4	15·4	15·0	15·0	14·9	14·9	14·3	14·3	14·1	14·1	14·2	14·2	14·4	14·4	15·2	15·2	31
Means.	19·9	19·9	19·9	19·9	20·0	20·0	19·8	19·8	19·9	19·8	19·9	19·8	19·7	19·5	19·8	19·6	19·7	19·6	20·1	19·9	20·3	20·3	20·5	20·5	Means.

JANUARY 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	36·6	36·6	36·7	36·7	36·8	36·8	37·1	37·1	37·0	37·0	36·7	36·7	36·3	36·3	35·0	35·0	34·3	34·3	33·0	33·0	32·0	32·0	30·9	30·9	35·7	35·7	1
2	25·0	25·0	24·1	24·1	24·0	24·0	24·1	24·1	23·3	23·2	23·7	23·6	23·7	23·7	24·1	24·0	24·8	24·8	24·9	25·0	25·1	25·1	25·0	25·0	25·6	25·6	2
3	35·0	35·0	32·1	32·1	31·2	32·0	28·1	28·1	25·1	25·1	24·1	24·1	22·1	22·1	21·2	21·2	21·2	21·2	21·0	21·0	22·1	22·0	20·9	21·0	27·6	27·6	3
4	19·9	20·0	19·0	19·0	18·4	18·4	18·0	18·0	17·6	17·7	16·0	16·0	16·9	17·0	15·3	15·3	17·3	17·3	17·1	17·1	17·9	17·9	18·1	18·1	19·0	19·0	4
5	17·7	17·7	15·0	15·0	14·8	14·7	14·1	14·1	14·1	14·0	13·0	13·0	13·0	13·0	11·7	11·9	11·1	11·0	11·8	11·8	12·0	12·0	12·2	12·2	16·5	16·5	5
6	12·8	12·7	13·0	12·8	12·4	12·4	12·3	12·3	11·4	11·4	12·1	11·9	11·2	11·1	12·0	11·2	12·2	11·5	12·4	11·8	12·5	12·0	10·3	10·1	12·1	11·9	6
7	19·8	19·8	20·1	20·1	20·4	20·4	21·1	21·0	22·4	22·4	23·7	23·7	23·2	23·2	22·2	22·2	20·4	20·4	15·9	16·0	13·5	13·8	13·0	13·0	16·7	16·7	7
8	12·5	12·6	12·0	12·0	12·0	12·0	11·7	11·8	11·3	11·2	11·3	11·3	11·4	11·4	11·2	11·3	11·3	11·3	11·5	11·5	12·0	12·0	11·6	11·8	12·4	12·4	8
9	13·4	13·4	13·4	13·5	14·2	14·2	15·1	15·1	15·1	15·1	15·4	15·3	15·9	15·9	16·3	16·3	18·4	18·4	17·3	17·2	22·6	22·0	22·4	21·2	14·6	14·6	9
10	30·5	30·5	31·1	31·1	31·9	31·9	32·0	31·9	31·8	31·8	31·3	31·3	31·2	31·2	31·0	31·0	30·1	30·1	28·1	28·1	27·9	28·0	26·9	27·0	27·8	27·7	10
11	19·2	19·3	17·9	17·9	18·0	18·0	18·7	18·8	17·9	17·9	18·0	18·0	17·5	17·5	16·0	16·0	15·3	15·3	15·2	15·2	16·0	16·0	16·6	16·6	20·0	20·0	11
12	32·1	32·0	32·3	32·3	32·7	32·2	32·3	32·3	31·8	32·1	29·9	29·6	29·6	29·8	27·8	27·8	27·0	26·0	26·9	27·0	27·0	27·1	27·4	27·4	27·1	27·0	12
13	20·0	20·0	20·2	20·2	20·4	20·4	20·8	20·8	20·5	20·5	20·0	20·0	18·9	18·9	18·1	18·0	18·3	18·3	18·1	18·1	17·9	17·9	17·9	17·9	21·3	21·3	13
14	21·9	21·9	24·3	24·3	26·2	26·2	28·0	28·0	29·6	29·8	31·0	31·1	31·8	31·9	31·9	32·0	32·0	32·0	32·0	32·0	31·0	31·0	30·2	30·3	24·1	23·7	14
15	18·8	18·9	18·2	18·2	18·9	18·9	19·0	19·0	18·0	18·0	18·2	18·2	17·9	17·9	17·9	18·0	17·9	17·9	17·8	17·8	17·2	17·2	17·7	17·8	20·8	20·8	15
16	18·9	18·9	19·1	19·0	20·0	20·0	20·6	20·5	20·1	20·0	19·4	19·4	19·1	19·1	18·2	18·2	18·0	18·0	18·4	18·4	18·7	18·7	18·3	18·4	18·2	18·2	16
17	16·0	16·0	16·3	16·3	15·9	15·9	14·9	14·9	15·0	15·0	14·1	14·1	13·5	13·5	13·9	13·9	13·2	13·0	14·1	14·0	13·2	13·1	12·5	12·5	15·3	15·2	17
18	13·3	11·4	13·5	12·4	12·8	12·8	12·1	12·1	13·2	13·2	14·2	14·2	14·5	14·5	15·0	15·0	14·2	14·1	14·3	14·3	14·7	14·8	14·6	14·6	13·1	12·7	18
19	18·7	18·7	19·8	19·8	21·1	21·0	21·0	21·0	21·2	21·2	21·2	21·1	20·9	20·9	20·4	20·4	20·2	20·2	19·4	19·4	19·1	19·1	18·5	18·6	17·4	17·0	19
20	18·1	17·9	18·3	18·0	18·8	18·8	17·3	17·4	18·0	17·1	17·0	17·0	18·5	18·1	19·3	19·5	19·7	19·3	21·2	20·0	20·1	20·1	19·1	19·1	18·7	18·4	20
21	19·2	19·2	19·1	19·1	19·8	19·8	19·8	19·8	20·1	20·1	20·1	20·1	20·2	20·2	20·1	20·1	20·3	20·3	19·9	19·9	20·1	20·1	19·8	19·8	20·1	20·1	21
22	19·3	19·4	18·3	18·3	18·0	18·1	18·0	18·1	18·0	18·0	17·2	17·2	16·0	16·2	15·9	16·0	15·9	15·9	16·1	16·1	16·3	16·1	16·6	16·4	18·5	18·5	22
23	21·1	21·1	21·6	21·7	21·9	21·9	21·1	21·0	19·4	19·4	18·2	18·2	18·2	18·2	18·1	18·1	18·0	18·0	18·1	18·1	18·0	18·0	18·3	18·3	19·2	19·1	23
24	19·0	19·0	18·8	18·8	18·3	18·3	18·1	18·1	18·1	18·1	19·0	19·0	18·6	18·7	18·3	18·4	17·9	18·0	18·0	18·0	18·3	18·3	19·0	18·9	18·8	18·8	24
25	17·9	17·9	17·9	17·9	18·0	18·0	18·1	18·1	19·9	19·9	19·9	19·9	20·9	20·9	20·4	20·5	20·9	20·9	21·0	21·0	20·3	20·3	20·1	20·0	18·4	18·4	25
26	21·2	21·2	21·5	21·5	21·8	21·8	21·7	21·7	21·4	21·4	21·1	21·1	21·1	21·1	21·4	21·4	21·7	21·7	21·5	21·5	21·2	21·2	21·3	21·3	21·4	21·4	26
27	23·5	23·5	24·1	24·1	23·5	23·6	23·0	23·0	22·6	22·6	22·0	22·0	21·2	21·2	21·1	21·1	21·2	21·2	21·8	21·8	21·5	21·5	21·2	21·2	22·1	22·1	27
28	20·3	20·3	20·3	20·3	20·7	20·8	20·9	20·9	20·4	20·4	20·3	20·2	20·2	20·2	20·4	20·3	21·1	21·1	21·0	21·0	21·0	21·0	22·3	22·1	20·7	20·7	28
29	23·9	23·9	23·9	23·9	23·9	23·9	24·3	24·2	22·9	22·9	22·5	22·5	22·0	22·0	21·0	21·0	19·4	19·5	19·6	19·7	19·2	19·2	18·0	18·0	22·8	22·8	29
30	19·4	19·4	19·9	19·8	19·9	19·9	19·0	19·0	18·1	18·1	17·3	17·3	16·3	16·5	15·9	15·9	15·5	15·6	15·9	15·9	14·8	14·8	15·0	15·0	17·9	17·9	30
31	15·5	15·5	14·8	14·8	14·9	14·9	14·2	14·2	14·2	14·2	15·0	15·0	14·5	14·5	14·8	14·9	15·0	15·0	15·1	15·1	14·1	14·0	14·9	14·9	14·8	14·8	31
Means.	20·7	20·6	20·5	20·5	20·7	20·7	20·5	20·5	20·3	20·3	20·1	20·1	19·9	19·9	19·5	19·5	19·5	19·4	19·3	19·3	19·3	19·2	19·1	19·0	20·0	19·9	Means.

FEBRUARY 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	14·3	14·3	14·9	15·0	14·4	14·4	14·2	14·2	14·6	14·6	15·2	15·2	14·7	14·7	15·4	15·4	15·0	15·0	15·9	16·1	19·0	18·0	18·3	17·3	1
2	20·0	20·0	20·0	20·0	19·0	19·0	19·1	19·1	19·5	19·5	19·1	19·1	19·5	19·5	19·7	19·7	19·5	19·5	19·9	19·9	20·0	20·0	20·8	20·8	2
3	19·8	19·0	19·0	19·0	18·5	18·0	18·2	17·8	18·2	17·0	17·4	16·1	17·6	16·6	18·1	17·0	19·5	17·6	21·1	19·1	21·8	19·7	22·3	19·4	3
4	17·6	18·0	18·1	18·4	17·2	17·4	16·2	16·3	15·5	15·7	15·9	15·9	16·0	16·0	18·4	16·9	20·0	17·3	21·1	18·9	23·0	20·0	22·0	19·9	4
5	23·1	20·0	23·9	20·2	23·0	20·0	22·6	20·0	21·9	20·0	22·1	19·9	21·1	19·0	21·1	19·0	21·4	19·0	21·4	19·0	21·1	18·9	20·8	18·8	5
6	20·3	20·2	20·1	20·1	20·1	20·0	20·0	20·0	20·0	20·0	20·2	20·2	20·2	20·2	20·2	20·2	20·5	20·5	21·2	21·2	22·8	23·0	22·4	22·7	6
7	22·8	22·8	23·1	23·1	24·1	24·1	25·0	25·0	26·0	26·0	27·1	27·1	27·0	27·0	27·6	27·6	28·0	28·0	28·8	28·8	29·8	29·8	30·1	30·1	7
8	31·0	31·0	31·1	31·2	31·7	31·7	31·8	31·9	31·0	31·1	30·9	31·0	30·2	30·3	30·1	30·2	30·9	31·0	31·9	32·0	32·1	32·1	33·9	33·8	8
9	33·8	33·9	33·7	33·7	33·3	33·3	32·9	32·9	31·9	32·0	32·0	32·0	31·7	31·9	31·8	32·0	31·7	31·8	31·9	32·0	31·7	31·8	31·6	31·7	9
10	31·1	31·1	30·3	30·3	29·2	29·2	27·9	27·9	27·9	27·9	27·0	27·0	27·8	27·7	27·3	27·4	27·4	27·4	27·4	27·5	26·9	27·2	27·8	27·9	10
11	24·6	24·7	24·7	24·7	24·4	24·4	25·7	25·8	24·5	24·5	23·9	23·9	24·2	24·2	23·8	23·8	23·8	23·8	23·9	23·9	23·9	23·9	23·9	23·9	11
12	27·8	27·9	27·9	27·9	27·7	27·7	27·1	27·1	26·7	26·7	26·7	26·7	27·2	27·2	26·9	26·9	27·2	27·2	28·0	28·0	27·8	27·8	28·5	28·5	12
13	32·0	32·0	32·0	32·0	31·7	31·8	31·0	31·0	29·9	30·0	29·6	29·7	29·1	29·2	29·7	29·8	29·9	30·0	30·2	30·3	30·3	30·5	30·7	30·8	13
14	22·0	22·0	22·1	22·1	21·5	21·5	21·1	21·1	20·8	20·8	20·2	20·2	20·1	20·1	19·9	19·9	19·5	19·5	19·0	19·0	18·5	18·5	19·4	19·7	14
15	21·1	21·1	21·3	21·3	21·0	21·0	21·0	21·1	20·2	20·2	20·1	20·1	19·6	19·6	18·2	18·4	18·1	18·1	19·0	19·0	20·3	20·6	21·1	21·1	15
16	18·8	18·2	19·7	19·0	19·1	18·6	19·9	19·0	19·8	18·9	19·9	19·0	19·8	18·8	20·2	19·0	20·7	19·1	21·5	21·1	21·3	21·3	21·9	20·4	16
17	16·8	16·9	16·5	16·7	16·1	16·1	16·3	16·4	16·2	16·2	16·5	16·2	16·3	16·1	16·4	16·0	18·3	17·4	19·2	18·2	19·9	18·8	19·1	18·8	17
18	16·3	16·3	16·1	16·1	16·9	17·0	17·0	17·0	16·8	16·8	16·3	16·3	17·0	17·0	17·1	17·1	18·0	18·0	18·1	18·1	18·2	18·2	18·4	18·4	18
19	17·5	17·6	17·8	17·9	16·9	17·0	16·2	16·2	15·9	15·9	15·4	15·7	15·4	15·7	15·2	15·2	15·8	16·0	16·1	16·1	16·9	16·9	17·2	17·2	19
20	18·4	18·4	18·2	18·2	19·5	19·5	19·3	19·3	19·3	19·3	20·1	20·1	22·0	22·0	22·3	22·3	23·0	23·0	24·0	24·0	24·0	24·0	24·0	24·0	20
21	28·0	28·0	27·2	27·2	27·0	27·0	26·3	26·3	25·7	25·7	25·9	25·9	25·5	25·5	25·1	25·1	25·3	25·3	25·8	25·9	25·9	26·0	25·1	25·1	21
22	26·2	26·2	25·9	26·0	25·4	25·5	25·1	25·1	25·1	25·1	24·8	24·8	24·7	24·7	24·3	24·3	24·0	24·0	24·1	24·1	24·0	24·0	24·1	24·1	22
23	19·1	19·1	18·9	18·9	18·8	18·8	18·9	18·9	18·4	18·4	17·8	17·8	16·6	16·6	15·3	15·3	15·3	15·3	15·1	15·1	15·2	15·2	15·8	15·8	23
24	14·2	14·2	14·8	14·8	15·0	15·0	15·1	15·1	14·4	14·4	14·2	14·2	15·1	15·1	14·4	14·4	14·4	14·4	14·5	14·6	14·7	14·8	15·2	15·2	24
25	13·3	13·4	13·1	13·0	13·0	13·0	12·8	12·9	12·0	12·0	11·3	11·3	11·2	11·2	13·2	13·1	13·8	14·0	15·2	15·2	15·0	15·0	14·9	14·9	25
26	13·2	13·2	14·0	14·0	14·2	14·2	13·7	13·8	13·4	13·4	13·2	13·2	13·2	13·2	13·0	13·0	13·9	13·9	14·2	14·2	13·9	13·8	13·8	13·7	26
27	13·9	13·9	13·9	13·9	13·4	13·4	12·4	12·4	12·6	12·6	12·7	12·7	12·6	12·6	13·2	13·2	14·4	14·4	15·1	15·1	15·5	15·5	16·0	16·0	27
28	13·3	13·3	13·4	13·4	14·1	14·0	13·8	13·9	13·5	13·6	14·1	14·1	14·2	14·2	14·1	14·1	13·6	13·6	13·4	13·6	14·1	14·1	14·2	14·2	28
29																									29
30																									30
31																									31
Means.	21·1	21·0	21·1	21·0	20·9	20·8	20·7	20·6	20·4	20·3	20·3	20·2	20·3	20·2	20·4	20·2	20·8	20·5	21·3	21·1	21·7	21·4	21·9	21·6	Means.

FEBRUARY 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	17·8	16·7	16·1	16·2	16·3	16·3	17·2	17·2	19·0	19·0	19·4	19·4	20·1	20·1	19·8	19·8	20·0	20·0	20·4	20·4	19·9	19·9	20·1	20·1	17·2	17·1	1
2	21·0	21·0	20·2	20·2	19·9	19·9	19·8	19·8	19·1	19·1	19·2	19·2	18·7	18·7	18·7	18·7	18·8	18·8	18·7	18·7	18·0	18·0	19·4	19·0	19·5	19·5	2
3	25·3	22·0	22·9	19·8	20·1	18·3	19·0	18·3	18·1	17·9	18·1	17·2	17·4	17·1	18·6	17·9	17·7	17·2	17·5	17·2	17·7	17·5	17·8	17·9	19·2	18·1	3
4	23·2	20·0	24·3	20·9	23·1	19·3	22·1	18·9	22·0	18·0	23·4	19·1	23·1	20·0	25·0	21·0	24·9	20·7	25·3	21·3	25·0	21·1	24·9	21·0	21·1	18·8	4
5	21·2	19·0	19·0	17·5	18·2	17·1	19·3	17·9	18·2	18·1	17·9	17·9	19·0	19·0	18·8	18·8	18·2	18·2	19·0	19·0	19·2	19·2	20·0	20·0	20·5	19·0	5
6	21·2	21·7	21·0	21·0	20·6	20·8	20·3	20·3	20·2	20·2	20·1	20·1	20·4	20·4	21·1	21·1	21·5	21·5	21·7	21·7	21·9	21·9	22·1	22·1	20·8	20·9	6
7	30·6	30·6	30·5	30·5	31·9	31·9	31·9	31·9	31·1	31·2	31·8	32·0	32·6	32·2	32·2	32·2	32·1	32·1	31·6	32·0	31·9	32·0	32·0	32·0	29·2	29·2	7
8	33·9	34·0	34·0	34·0	35·1	35·2	34·8	34·9	35·0	35·1	34·1	34·1	34·0	34·0	34·0	34·0	33·9	33·9	33·7	33·8	33·2	33·3	33·2	33·2	32·7	32·8	8
9	31·5	31·6	31·6	31·6	31·7	31·7	31·8	31·8	31·3	31·4	31·1	31·2	31·3	31·4	31·3	31·3	31·4	31·4	31·5	31·5	31·6	31·6	31·3	31·3	31·9	32·0	9
10	27·0	27·2	26·8	27·0	27·8	27·9	26·9	27·0	26·1	26·3	26·0	26·1	25·1	25·4	25·3	25·3	24·9	25·0	24·8	24·8	25·1	25·1	25·3	25·3	27·0	27·1	10
11	23·4	23·4	22·9	23·0	22·9	22·9	23·0	23·0	23·2	23·2	24·4	24·4	25·0	25·0	26·1	26·1	27·0	27·0	27·2	27·2	27·7	27·7	27·3	27·3	24·6	24·7	11
12	29·7	29·8	29·4	29·6	29·2	29·4	29·7	29·8	28·2	28·3	29·7	29·8	29·9	30·0	30·2	30·2	29·8	29·9	29·1	29·1	29·9	30·0	32·0	32·0	28·6	28·6	12
13	30·6	30·7	29·9	30·0	29·3	29·4	27·8	28·0	25·7	25·7	24·3	24·3	24·0	24·0	23·8	23·9	23·8	23·9	23·2	23·2	23·2	23·2	22·3	22·3	28·1	28·2	13
14	19·5	19·7	20·0	20·0	19·9	19·9	20·1	20·1	19·5	19·5	19·2	19·2	19·2	19·2	20·0	20·0	20·1	20·0	20·5	20·5	21·1	21·0	20·5	20·5	20·2	20·2	14
15	21·1	21·1	21·9	21·8	22·0	22·0	21·6	21·6	20·4	20·4	20·1	20·1	20·0	20·0	19·7	19·7	19·3	19·4	20·0	19·9	20·2	20·0	19·4	18·2	20·3	20·2	15
16	20·2	19·8	20·3	19·9	20·1	19·9	19·0	18·2	17·9	17·0	17·4	16·9	18·1	16·1	18·5	16·0	18·0	16·0	18·1	16·0	17·9	16·1	17·2	16·3	19·4	18·4	16
17	19·1	19·0	19·5	19·1	18·0	18·0	18·0	16·9	15·6	15·5	16·5	16·3	16·9	16·8	17·0	17·0	17·0	16·3	16·1	16·1	16·9	17·0	16·9	17·0	17·3	17·0	17
18	18·1	18·1	18·1	18·2	18·0	18·0	18·0	18·0	17·5	17·7	17·6	17·6	17·5	17·6	18·0	18·0	18·0	18·0	18·0	18·0	18·0	18·0	17·9	17·9	17·5	17·6	18
19	17·3	17·3	18·0	18·0	17·8	17·8	17·8	17·8	17·7	17·7	17·9	17·9	17·4	17·4	18·1	18·1	18·1	18·0	18·9	18·9	18·8	18·8	18·9	18·9	17·2	17·2	19
20	25·0	25·0	25·1	25·1	25·9	25·9	26·1	26·1	26·1	26·1	27·0	27·0	27·2	27·2	27·6	27·5	28·0	28·0	28·0	28·0	27·9	28·0	28·0	28·0	24·0	24·0	20
21	25·2	25·2	25·2	25·2	25·4	25·4	24·9	24·8	25·3	25·3	25·8	25·8	26·0	26·0	26·2	26·2	26·0	26·0	25·9	25·9	26·0	26·0	26·0	26·0	25·9	25·9	21
22	23·9	23·9	24·0	24·0	23·9	23·9	23·4	23·5	24·0	24·0	23·9	23·9	23·7	23·7	23·1	23·0	21·0	21·0	20·0	20·0	19·4	19·6	19·0	19·0	23·6	23·6	22
23	15·9	16·1	16·3	16·5	15·9	16·1	15·9	16·0	15·2	15·2	15·3	15·4	14·3	14·4	14·2	14·3	14·4	14·4	14·1	14·1	14·4	14·4	14·5	14·5	16·1	16·1	23
24	15·2	15·2	15·9	15·9	15·3	15·3	15·1	15·1	14·9	14·9	14·8	14·8	15·2	15·2	15·0	15·0	15·0	15·0	14·7	14·7	14·4	14·5	14·0	14·0	14·8	14·8	24
25	15·2	15·2	15·2	15·0	14·4	14·6	13·4	13·9	13·3	13·2	12·4	12·4	13·0	12·8	13·2	13·0	13·2	13·2	13·4	13·4	14·0	14·0	13·5	13·6	13·5	13·5	25
26	13·3	13·3	13·2	13·2	13·6	13·6	13·2	13·2	13·2	13·2	13·2	13·2	13·0	13·0	13·1	13·1	13·2	13·2	14·1	14·0	13·7	14·0	13·5	13·6	13·5	13·5	26
27	16·3	16·5	16·6	16·6	16·8	16·9	16·1	16·2	15·9	15·9	15·2	15·2	14·5	14·5	14·6	14·6	14·5	14·5	14·1	14·1	14·2	14·2	13·6	13·9	14·5	14·5	27
28	14·5	14·5	14·6	14·7	14·2	14·2	14·6	14·6	14·2	14·2	14·8	14·8	14·2	14·2	14·0	14·0	13·5	13·7	13·2	13·2	13·0	13·0	13·3	13·3	13·9	13·9	28
29																											29
30																											30
31																											31
Means.	22·0	21·7	21·9	21·6	21·7	21·5	21·5	21·2	21·0	20·8	21·1	20·9	21·1	20·9	21·3	21·1	21·2	20·9	21·2	21·0	21·2	21·1	21·2	21·0	21·1	20·9	Means.

MARCH 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	12·3	12·3	12·2	12·2	11·9	11·9	11·8	12·0	12·0	12·0	11·7	11·7	11·6	11·8	11·9	11·9	12·2	12·2	12·5	12·7	13·1	13·2	13·0	13·1	1
2	11·0	11·0	10·9	11·0	11·2	11·2	11·2	11·2	11·2	11·2	11·4	11·4	11·5	11·5	11·5	11·6	11·9	11·9	12·0	12·0	12·2	12·2	12·7	12·8	2
3	11·2	11·2	11·5	11·5	12·0	12·0	12·4	12·4	13·0	13·0	12·5	12·5	12·2	12·2	13·1	13·1	14·1	14·1	15·1	15·1	15·0	15·0	16·1	16·0	3
4	18·2	18·2	18·2	18·2	18·9	18·9	19·0	19·0	19·9	19·9	20·3	20·3	21·3	21·2	22·2	22·1	23·1	23·1	23·8	23·8	24·0	24·0	24·1	24·0	4
5	18·3	16·9	18·5	17·1	20·0	18·3	19·9	18·3	18·1	18·1	18·2	18·0	18·6	18·0	17·8	18·1	19·4	19·7	21·0	21·1	21·3	21·6	21·8	21·8	5
6	11·8	11·9	11·2	11·2	11·0	11·0	10·2	10·2	9·3	9·3	10·0	10·0	10·3	10·3	10·2	10·2	10·8	10·8	10·4	10·4	10·9	10·9	10·9	10·9	6
7	10·2	10·2	10·8	10·8	10·3	10·3	10·2	10·2	10·2	10·2	10·1	10·1	9·4	9·4	9·4	9·6	10·0	10·0	11·1	11·1	11·7	11·7	11·3	11·1	7
8	10·7	10·8	9·7	9·7	10·4	10·0	14·0	10·9	13·0	11·3	14·1	12·9	13·0	12·0	13·2	12·0	14·1	12·8	14·0	13·2	17·4	15·4	16·0	15·9	8
9	17·0	17·0	16·1	16·1	16·9	16·9	15·5	15·0	14·5	14·2	13·3	13·1	13·5	13·0	14·2	12·9	12·6	12·2	14·0	12·4	16·0	13·7	16·1	14·5	9
10	15·9	12·2	16·1	13·0	15·9	14·0	17·3	13·2	15·7	12·1	18·0	13·3	17·0	13·7	15·2	11·8	17·2	13·1	16·1	14·0	18·0	16·2	21·2	19·0	10
11	15·4	14·0	13·3	13·1	20·1	15·0	19·9	15·2	20·9	15·5	19·9	15·3	21·1	15·8	21·4	16·0	23·2	17·1	23·8	17·8	23·4	17·9	23·9	18·0	11
12	23·1	17·2	23·1	17·0	21·3	15·3	22·6	16·1	21·4	16·1	22·4	16·3	23·3	17·0	23·9	17·4	23·9	17·8	24·1	18·2	24·3	19·5	24·0	18·0	12
13	16·2	16·2	16·4	16·2	16·2	16·1	18·1	18·1	17·4	17·5	17·9	17·9	18·1	18·0	18·4	18·6	19·8	19·7	19·3	19·9	19·0	19·1	18·9	18·9	13
14	14·2	14·2	14·2	14·2	14·0	14·0	14·1	14·1	13·1	13·1	13·5	13·5	14·0	14·0	14·1	14·1	15·2	15·2	16·1	16·1	17·0	17·0	18·1	18·1	14
15	13·2	13·2	12·3	12·4	12·8	12·8	12·9	12·9	12·2	12·2	12·3	12·3	13·1	13·1	14·0	14·0	14·6	14·6	16·0	16·0	16·4	16·5	17·1	17·1	15
16	14·3	14·0	14·4	14·4	15·0	15·0	14·4	14·4	14·0	14·0	13·5	13·5	13·2	13·2	14·4	14·0	15·8	15·4	16·0	16·0	17·0	17·0	17·1	17·2	16
17	16·6	16·6	16·9	16·9	17·0	17·0	17·1	17·1	17·1	17·1	17·0	17·0	17·0	17·0	17·0	17·0	17·0	17·0	17·0	17·0	17·0	17·0	16·5	16·5	17
18	16·1	16·1	16·2	16·2	15·9	15·9	15·9	16·0	16·4	16·5	16·3	16·3	16·1	16·1	16·2	16·2	16·8	16·8	17·1	17·1	17·5	17·5	18·2	18·2	18
19	29·8	29·8	29·9	30·0	30·1	30·0	27·0	27·0	28·4	28·7	29·5	29·5	30·3	30·3	31·7	31·7	30·1	30·2	30·6	30·7	32·1	32·1	30·8	31·2	19
20	32·1	32·2	32·2	32·6	32·4	32·4	32·8	32·8	32·7	32·7	32·6	22·7	32·8	32·9	32·8	33·0	32·8	33·0	32·9	33·0	32·8	33·0	32·7	32·8	20
21	34·9	35·0	35·3	35·3	35·7	35·8	35·0	35·0	35·9	36·1	35·2	35·3	34·9	35·0	36·1	36·2	35·3	35·5	34·8	35·0	35·0	35·1	34·9	34·9	21
22	35·3	35·3	35·7	35·7	36·0	36·0	36·0	36·0	35·8	35·9	35·7	35·7	34·9	35·0	34·9	35·0	35·1	35·2	34·2	34·3	35·7	33·4	37·9	33·2	22
23	35·7	35·8	35·2	35·4	36·0	36·1	36·3	36·3	36·1	36·1	37·9	38·0	38·1	38·1	39·0	39·0	38·1	38·1	37·4	37·0	37·1	37·1	38·4	38·4	23
24	36·9	37·0	37·0	37·0	36·1	36·2	36·4	36·4	36·8	36·8	36·8	36·9	36·7	36·7	37·0	37·0	37·8	37·8	37·7	37·7	37·9	38·0	38·0	38·1	24
25	36·9	37·0	37·6	37·5	36·0	36·0	35·5	35·7	34·6	34·7	34·4	34·5	34·0	34·0	33·8	33·8	33·9	34·0	33·9	34·0	34·2	34·3	34·6	34·6	25
26	32·7	32·7	32·6	32·7	32·2	32·2	32·5	32·5	32·2	32·2	32·7	32·7	32·6	32·6	31·8	32·1	31·0	31·1	31·7	31·7	31·9	32·0	31·9	32·0	26
27	29·7	29·7	29·8	29·9	30·0	30·0	29·2	29·2	29·3	29·4	29·0	29·2	28·8	29·0	29·0	29·0	29·7	29·8	29·9	30·0	30·6	30·8	30·9	31·3	27
28	25·0	25·0	24·0	23·9	22·3	22·3	23·0	23·0	21·2	21·2	20·4	20·4	20·8	20·8	21·8	21·8	22·1	22·1	22·9	22·9	22·6	22·6	22·6	22·6	28
29	25·6	25·6	26·1	26·1	26·0	26·0	25·1	25·1	25·5	25·5	25·0	25·0	25·0	25·0	24·4	24·4	25·0	25·0	24·3	24·3	24·8	24·9	24·3	24·3	29
30	22·0	21·9	20·2	20·2	20·4	20·5	20·2	20·2	20·3	20·3	20·1	20·1	20·1	20·1	20·6	20·6	21·9	21·9	21·8	21·8	20·7	20·9	22·0	22·0	30
31	21·2	21·2	20·0	20·0	20·0	20·0	19·8	19·9	19·7	19·7	19·2	19·2	19·5	19·6	19·3	19·5	19·0	19·0	18·8	18·8	19·0	19·0	19·0	19·0	31
Means.	21·4	21·0	21·2	20·9	21·4	20·9	21·5	20·8	21·2	20·7	21·3	20·8	21·4	20·9	21·6	21·1	22·0	21·5	22·3	21·8	22·8	22·2	23·1	22·4	Means.

MARCH 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	12·4	12·8	12·2	12·3	12·1	12·1	12·1	12·0	11·6	11·9	11·5	11·5	11·3	11·3	11·3	11·3	10·6	10·8	10·5	10·7	10·5	10·8	10·8	11·0	11·8	11·9	1
2	12·4	12·4	12·4	12·4	12·5	12·5	12·0	12·0	11·1	11·1	10·4	10·4	11·1	11·1	12·4	12·4	11·9	11·9	11·5	11·5	11·3	11·4	11·4	11·4	11·6	11·6	2
3	16·2	16·2	16·8	16·9	17·2	17·2	17·2	17·2	17·6	17·6	17·1	17·1	17·0	17·0	17·9	17·9	18·1	18·0	18·0	18·0	17·7	17·7	17·3	17·3	15·3	15·3	3
4	22·1	22·1	21·1	21·0	21·0	21·0	20·2	20·2	20·7	20·8	19·2	19·2	18·0	18·0	19·2	16·2	19·8	17·0	20·7	17·9	18·0	17·6	17·9	17·1	20·5	20·0	4
5	22·0	22·2	21·9	22·0	18·3	18·3	18·5	18·5	16·3	16·4	15·1	15·0	13·7	13·8	13·0	13·0	12·4	12·4	10·7	10·7	10·3	10·3	11·5	11·5	17·4	17·1	5
6	11·7	11·7	11·9	11·9	11·4	11·4	11·7	11·8	11·4	11·4	11·5	11·5	11·6	11·6	11·3	11·3	10·7	10·7	11·0	11·0	10·2	10·2	10·2	10·2	10·9	10·9	6
7	11·2	11·2	12·2	12·2	12·2	12·2	11·9	12·0	11·2	11·2	11·1	11·0	10·2	10·2	10·1	10·0	10·0	10·0	9·9	9·9	11·0	11·0	10·2	10·2	10·7	10·7	7
8	16·8	16·8	17·0	17·2	18·5	18·6	19·7	19·8	19·9	19·9	19·2	19·2	19·1	19·1	18·9	19·1	18·7	18·7	18·2	18·2	17·8	17·9	18·0	18·0	15·9	15·4	8
9	16·0	14·4	17·0	14·0	17·1	14·8	17·4	15·3	17·9	15·4	17·1	14·3	16·1	14·9	16·3	14·2	17·0	14·2	16·0	14·0	16·0	13·6	16·2	13·3	15·8	14·3	9
10	19·3	18·8	19·1	18·7	18·3	18·2	18·0	18·0	17·5	17·7	17·1	17·1	16·4	16·6	16·0	16·0	15·1	15·1	14·4	14·5	14·1	14·1	14·1	14·1	16·8	15·2	10
11	24·2	18·9	24·2	19·5	24·1	18·0	23·9	18·0	23·3	16·9	23·2	16·9	22·5	16·2	21·5	16·0	21·9	15·3	23·0	16·0	22·0	15·9	22·2	16·8	21·8	16·5	11
12	23·2	17·2	21·9	16·0	23·1	17·0	23·9	16·9	22·0	15·7	21·7	15·2	21·8	14·8	21·0	14·0	19·2	13·0	18·7	14·0	18·8	14·5	16·9	16·0	22·1	16·3	12
13	19·4	19·0	19·0	19·0	19·1	19·1	18·0	18·0	16·2	16·5	16·0	16·0	14·0	13·9	13·2	13·2	12·5	12·8	12·9	13·0	13·2	13·3	14·4	14·4	16·8	16·8	13
14	18·2	18·2	18·1	18·1	18·0	18·0	18·0	18·0	18·0	18·0	17·3	17·3	17·1	17·1	16·9	17·0	16·6	16·8	16·1	16·1	15·1	15·1	14·1	14·1	15·9	15·9	14
15	17·2	17·2	17·7	17·8	17·9	17·9	17·3	17·3	16·4	16·7	16·7	16·7	16·9	16·9	17·0	17·0	16·5	16·5	15·2	15·2	15·2	14·2	14·4	14·0	15·2	15·2	15
16	17·1	17·2	18·0	18·0	17·6	17·0	16·4	16·8	16·4	16·5	17·0	17·0	17·1	17·1	17·1	17·1	16·9	16·9	16·5	16·5	16·3	16·4	16·4	16·6	15·9	15·9	16
17	16·1	16·2	15·9	15·9	16·1	16·1	16·0	16·0	16·1	16·1	16·1	16·1	16·0	16·0	16·2	16·2	16·0	16·0	16·2	16·2	16·2	16·2	16·0	16·0	16·5	16·5	17
18	18·3	18·8	19·2	19·1	19·6	19·6	19·9	19·7	21·2	21·2	24·8	24·8	22·3	22·3	22·9	22·9	22·1	22·1	25·1	25·1	25·8	26·0	29·9	30·0	19·6	19·6	18
19	30·2	30·5	30·7	30·8	31·6	31·6	31·1	31·3	30·6	30·9	30·6	30·8	30·4	30·6	31·0	31·1	31·7	31·7	32·0	32·0	32·1	32·1	32·1	32·1	30·6	30·7	19
20	32·9	33·1	33·8	33·8	33·9	34·0	34·3	34·3	34·1	34·2	34·1	34·2	34·7	34·7	34·6	34·6	34·7	34·8	34·7	34·7	33·7	33·7	34·1	34·1	33·4	33·5	20
21	34·9	35·0	35·4	35·6	35·5	35·5	35·5	35·5	35·2	35·3	35·7	35·7	35·7	35·9	35·5	35·5	36·0	36·0	35·3	35·3	35·8	35·9	35·7	35·8	35·4	35·5	21
22	36·7	34·2	37·9	33·1	39·7	32·9	38·3	33·8	35·8	33·2	34·3	33·0	34·0	33·0	34·9	35·0	34·7	34·9	33·9	34·0	34·4	34·4	35·8	35·9	35·7	34·5	22
23	38·2	38·2	38·1	37·9	38·7	38·0	37·7	37·8	37·3	37·3	37·0	37·0	37·2	37·2	37·1	37·1	36·8	36·8	37·2	37·2	37·3	37·3	36·8	36·9	37·3	37·3	23
24	37·3	37·1	37·7	37·7	38·1	38·1	38·1	38·1	38·1	38·1	38·7	38·7	38·9	38·9	38·9	39·0	38·1	38·1	37·8	37·8	36·9	36·9	36·9	37·0	37·5	37·5	24
25	34·9	35·0	34·7	34·9	34·8	34·9	35·1	35·1	34·1	34·1	34·0	34·1	34·1	34·1	34·0	34·0	33·0	33·1	32·8	33·0	32·9	32·9	32·6	32·6	34·4	34·5	25
26	32·0	32·0	32·0	32·0	31·7	31·9	31·1	31·1	30·7	30·8	29·9	30·0	29·8	29·9	31·1	31·2	31·8	31·8	29·9	30·1	30·1	30·2	30·1	30·2	31·5	31·6	26
27	30·2	30·7	29·5	29·8	29·7	29·9	29·8	30·0	28·3	28·6	28·1	28·3	25·9	26·0	26·0	26·0	26·1	26·2	26·8	26·9	25·9	26·0	25·8	25·8	28·7	28·8	27
28	23·1	23·3	23·5	23·6	23·6	23·7	23·0	23·0	22·3	22·3	22·2	22·1	22·7	22·5	23·0	22·9	24·1	24·0	24·9	24·8	25·8	25·7	25·2	25·1	23·0	23·0	28
29	25·1	25·1	24·2	24·4	24·0	24·0	23·8	23·8	23·1	23·1	23·2	23·2	23·3	23·3	23·0	22·9	22·6	22·6	22·0	22·0	21·6	21·7	22·0	21·9	24·1	24·1	29
30	23·1	23·0	26·6	26·6	29·8	29·8	28·4	28·4	28·2	28·2	27·7	27·8	28·5	28·5	24·3	24·1	21·9	21·9	21·5	21·6	22·0	22·0	21·1	21·2	23·1	23·1	30
31	20·4	20·4	20·0	20·0	21·0	21·0	20·9	21·0	20·0	20·0	18·0	18·2	17·4	17·6	18·0	18·1	19·1	19·1	18·9	18·9	18·8	18·8	18·8	18·8	19·4	19·4	31
Means.	23·0	22·5	23·2	22·7	23·4	22·7	23·2	22·6	22·7	22·2	22·4	21·9	22·1	21·6	22·1	21·5	21·8	21·3	21·7	21·2	21·5	21·1	21·6	21·3	22·1	21·6	Means.

APRIL 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	18·7	18·7	18·7	18·8	18·0	18·0	19·8	19·8	19·5	19·5	19·9	19·9	20·4	20·4	20·0	20·0	20·9	20·9	20·4	20·4	21·1	21·1	21·3	21·3	1
2	26·3	26·4	27·3	27·3	27·9	27·9	29·0	29·0	29·9	29·9	30·0	30·0	31·5	31·5	32·0	32·0	31·3	31·4	29·3	29·3	28·9	28·9	28·4	28·1	2
3	21·4	21·3	21·1	21·1	20·3	20·3	19·4	19·5	19·9	19·9	19·1	19·1	19·0	19·0	18·9	18·9	20·0	20·0	19·1	19·1	20·0	20·0	21·3	21·3	3
4	28·2	28·2	28·0	27·9	27·0	27·0	26·2	26·2	25·7	25·9	25·2	25·2	25·0	25·0	25·6	25·6	26·0	26·0	26·0	26·1	26·8	26·8	27·4	27·4	4
5	23·6	23·5	24·0	23·9	24·3	24·3	24·9	24·9	24·2	24·2	24·1	24·1	24·6	24·6	24·1	24·1	25·0	25·0	25·2	25·2	25·6	25·7	26·1	26·2	5
6	23·0	23·0	22·8	22·8	22·6	22·6	22·2	22·2	21·9	21·9	21·9	22·0	21·9	22·0	22·5	22·5	22·9	22·9	22·2	22·2	23·0	23·1	21·3	21·4	6
7	19·9	19·9	20·9	20·9	20·8	20·8	20·9	20·9	21·0	21·0	20·7	20·7	21·3	21·3	22·3	22·3	22·0	22·0	21·9	21·9	22·0	22·0	23·1	23·1	7
8	25·1	25·1	26·3	26·3	24·9	25·0	24·5	24·5	24·6	24·7	24·7	24·8	24·6	24·7	25·0	25·0	25·9	25·9	26·2	26·1	26·2	26·2	26·2	26·2	8
9	22·4	22·4	23·1	23·1	23·8	23·7	23·6	23·7	23·2	23·2	23·1	23·1	23·3	23·3	23·2	23·2	23·1	23·1	23·5	23·5	23·3	23·3	23·7	23·8	9
10	18·9	18·9	19·0	19·0	18·9	18·9	18·6	18·7	18·3	18·3	18·5	18·5	19·2	19·2	19·0	19·0	21·0	21·0	22·0	22·0	21·3	21·1	27·3	25·0	10
11	20·8	20·7	20·3	20·1	20·1	19·5	20·3	20·2	21·0	21·2	22·7	22·8	23·5	23·5	24·1	24·3	25·1	25·3	25·3	25·6	26·2	26·8	26·7	27·0	11
12	26·0	24·3	25·8	23·9	25·3	23·4	24·9	23·3	24·1	22·2	24·7	21·2	26·2	23·3	27·7	23·8	27·5	24·0	29·8	25·0	28·0	24·2	29·0	25·0	12
13	28·2	28·2	28·1	28·1	28·4	28·4	28·6	28·6	28·2	28·3	29·0	29·0	29·0	29·0	29·0	29·0	29·8	29·9	29·0	29·0	29·3	29·5	29·9	30·0	13
14	26·9	27·1	27·9	28·0	28·9	29·0	29·1	29·2	29·4	29·5	29·2	29·4	29·3	29·5	29·0	29·1	29·0	29·0	28·4	28·7	29·9	30·0	31·6	31·2	14
15	24·9	25·1	25·0	25·0	24·9	25·0	25·0	25·0	25·0	25·0	25·0	25·0	25·2	25·2	25·2	25·2	26·2	26·2	26·8	26·8	28·3	28·3	28·0	28·0	15
16	23·2	23·2	23·3	23·2	24·4	23·9	24·3	23·2	23·1	23·1	23·7	23·9	24·4	24·2	27·2	24·2	28·8	24·4	26·1	24·6	26·0	24·1	27·8	24·3	16
17	21·7	21·8	21·4	21·5	22·0	22·0	22·2	22·2	22·7	22·7	23·1	23·0	23·3	23·3	23·9	23·9	25·1	25·1	25·9	26·0	25·9	25·9	25·9	25·9	17
18	23·4	22·4	24·3	22·6	25·0	22·6	24·9	22·5	26·8	24·5	26·3	25·9	27·2	25·7	27·2	26·6	29·1	29·1	30·4	30·4	30·4	30·4	30·4	30·4	18
19	34·6	32·0	31·2	30·3	32·4	32·1	33·2	32·1	36·0	33·0	33·2	32·8	31·6	32·1	30·4	30·5	31·7	31·7	31·6	31·7	30·5	30·5	30·0	30·0	19
20	29·2	29·2	30·8	30·8	31·9	31·9	28·9	28·9	27·9	28·0	26·3	26·6	26·8	26·9	27·0	27·1	27·1	27·0	27·0	27·1	27·3	27·4	27·4	27·6	20
21	31·2	22·9	31·1	22·1	25·0	21·0	31·0	22·2	32·2	22·9	32·7	22·9	30·0	22·0	29·2	23·0	28·2	23·2	27·7	23·0	32·8	27·0	26·1	26·1	21
22	26·1	25·0	26·0	22·3	28·0	21·0	27·9	20·9	28·7	21·2	29·2	21·2	29·0	21·6	29·2	21·8	29·8	22·8	29·0	22·9	28·0	24·0	31·0	26·2	22
23	27·2	23·8	26·3	23·1	26·2	23·0	25·4	22·2	26·1	23·2	27·2	24·0	28·0	26·0	26·0	26·0	30·7	28·7	27·0	27·5	30·0	29·8	29·0	29·0	23
24	26·9	26·9	26·8	26·8	26·8	26·8	26·5	26·5	26·1	26·1	26·1	26·1	26·2	26·4	27·0	27·0	27·7	27·8	29·1	29·1	29·6	29·6	29·6	29·5	24
25	32·3	32·1	32·9	32·4	32·9	32·8	32·0	32·0	32·0	32·0	32·5	32·5	32·9	32·9	34·0	33·8	34·8	34·2	35·0	34·2	34·6	34·0	33·0	33·4	25
26	36·2	36·0	36·1	35·9	36·0	35·3	34·6	34·1	34·8	34·8	35·9	35·9	34·8	34·9	35·2	35·1	36·0	35·6	37·0	36·4	41·5	39·8	40·8	38·2	26
27	37·2	34·4	37·3	34·0	37·0	34·0	35·9	33·9	34·2	33·8	37·0	36·0	37·1	36·6	37·8	35·4	37·0	35·3	36·9	36·0	35·3	35·3	36·1	36·0	27
28	31·3	32·0	27·3	27·3	25·9	25·9	24·9	25·0	22·6	22·6	21·0	20·0	23·9	21·0	23·6	20·3	21·6	20·1	20·7	20·2	22·1	21·5	23·4	22·3	28
29	17·1	17·0	16·9	16·6	16·1	16·0	16·3	16·0	17·2	17·2	16·4	16·6	17·8	17·2	18·3	18·0	20·1	19·2	20·8	20·5	22·1	21·9	22·3	22·2	29
30	22·1	21·2	22·9	22·6	23·1	23·1	24·0	24·0	24·1	24·1	24·3	24·3	24·8	24·8	25·7	25·7	25·3	25·5	26·2	26·4	27·3	27·4	28·0	28·0	30
31																									31
Means.	25·8	25·1	25·8	24·9	25·6	24·8	25·6	24·7	25·7	24·8	25·8	24·9	26·1	25·2	26·3	25·4	27·0	26·1	26·8	26·2	27·4	26·9	27·7	27·1	Mean

APRIL 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	22·6	22·6	23·1	23·1	23·8	23·8	23·1	23·1	23·3	23·3	25·8	25·8	26·9	26·9	26·9	26·9	25·3	25·3	26·1	26·0	27·1	27·1	27·0	27·0	22·5	22·5	1
2	27·9	27·4	27·9	27·0	27·8	27·8	27·1	27·1	26·1	26·1	25·9	25·9	25·7	25·7	24·2	24·1	23·2	23·2	23·3	23·3	22·9	22·9	22·0	22·0	27·3	27·3	2
3	21·0	21·0	20·9	20·9	21·2	21·2	22·0	21·9	22·9	22·9	23·3	23·3	23·8	23·8	25·0	24·9	25·9	25·9	26·0	26·0	25·9	25·8	27·8	27·7	21·9	21·9	3
4	27·1	27·1	27·5	27·5	27·1	27·2	26·9	26·9	26·1	26·1	25·6	25·6	25·2	25·2	25·5	25·6	25·2	25·2	22·9	22·9	22·3	22·3	23·0	23·0	25·9	25·9	4
5	25·5	25·8	25·6	25·8	24·9	24·9	24·0	24·0	24·9	24·9	25·3	25·3	25·2	25·2	25·4	25·5	24·9	24·9	23·4	23·4	23·1	23·1	23·1	23·1	24·6	24·6	5
6	21·9	21·9	21·8	21·8	22·1	22·2	21·7	21·8	21·0	21·0	20·4	20·4	20·0	20·1	20·0	20·0	19·3	19·3	19·8	19·8	19·6	19·6	19·1	19·1	21·5	21·5	6
7	24·0	24·0	24·8	24·8	23·9	24·0	23·8	23·8	23·6	23·7	24·5	24·5	27·3	27·3	27·3	27·3	26·2	26·2	25·2	25·3	25·5	25·6	25·2	25·2	23·3	23·3	7
8	26·0	26·0	26·1	26·0	25·8	25·8	25·6	25·6	25·0	25·0	24·6	24·7	24·1	24·1	23·9	24·0	23·8	23·9	23·9	23·9	23·8	23·8	23·1	23·1	25·0	25·0	8
9	23·7	23·8	23·9	23·9	23·0	23·0	22·3	22·3	20·9	21·0	20·2	20·2	19·1	19·1	19·1	19·1	19·0	19·0	19·5	19·6	19·0	19·0	19·1	19·1	22·0	22·0	9
10	25·0	23·2	23·1	22·3	23·5	22·1	22·2	21·9	22·1	22·1	21·7	21·4	20·9	21·1	20·3	20·4	20·4	20·8	20·8	20·9	20·8	20·8	20·4	20·4	21·0	20·7	10
11	28·2	28·7	28·6	28·3	28·9	28·6	30·8	29·0	28·0	28·0	28·2	27·8	27·3	27·0	26·9	27·0	26·7	26·9	26·2	26·1	26·0	25·8	25·9	25·2	25·3	25·2	11
12	28·9	27·2	29·8	27·9	30·0	29·1	28·9	28·9	28·0	28·1	27·2	27·6	28·0	26·0	27·1	26·0	27·8	25·2	26·1	24·8	28·0	24·0	25·4	25·7	27·3	25·2	12
13	29·8	29·8	29·8	29·9	29·4	29·4	28·9	29·0	28·0	28·0	27·2	27·4	26·7	26·8	26·6	26·7	26·6	26·9	26·4	26·9	26·6	26·9	26·8	27·0	28·3	28·4	13
14	30·7	30·8	30·9	30·9	30·6	30·8	29·7	29·9	29·2	29·2	29·3	29·4	29·3	29·5	28·0	28·0	27·0	27·1	27·2	27·2	26·4	26·4	25·2	25·3	28·8	28·9	14
15	28·0	28·0	28·2	28·1	28·0	28·0	28·2	28·2	28·1	28·1	27·9	28·0	26·7	26·9	26·0	26·1	25·8	25·9	24·9	25·0	24·7	24·8	23·8	24·0	26·2	26·3	15
16	25·4	25·0	28·0	27·4	25·3	25·1	25·6	25·1	27·5	25·1	25·1	24·1	22·3	22·7	22·3	22·3	22·2	22·2	21·3	21·3	22·2	22·2	21·9	21·9	24·6	23·8	16
17	27·0	27·0	27·0	27·0	27·7	27·7	27·1	27·1	26·7	26·7	26·6	26·7	25·6	25·8	24·3	24·4	24·0	24·0	23·3	23·4	23·2	22·8	23·2	22·3	24·5	24·5	17
18	31·1	31·1	33·0	32·0	30·9	32·0	31·2	32·0	30·1	30·1	30·0	30·0	32·4	32·0	32·1	32·1	33·9	31·9	31·2	31·4	32·7	32·0	34·2	32·0	29·5	28·8	18
19	30·0	30·0	29·7	29·8	31·2	31·3	31·8	32·0	31·0	31·2	30·4	30·6	29·3	29·6	28·6	28·8	27·9	28·0	28·0	28·0	28·9	28·9	29·2	29·2	30·9	30·7	19
20	26·7	26·9	27·3	27·5	28·1	28·1	27·9	27·9	28·0	26·8	28·0	25·0	27·5	23·7	31·0	24·8	28·9	23·0	30·8	23·9	30·1	23·1	30·4	22·4	28·4	26·7	20
21	27·8	27·1	29·3	28·5	30·2	28·6	31·5	29·3	30·0	28·0	31·0	28·2	30·8	28·3	29·0	27·4	28·2	27·0	28·2	27·2	27·1	26·8	26·7	25·8	29·5	25·4	21
22	31·0	26·2	32·1	27·2	32·8	27·8	32·0	27·8	32·6	30·0	31·8	29·0	30·2	28·8	28·3	27·2	28·6	26·8	28·0	25·8	27·9	26·0	27·2	24·2	29·4	24·9	22
23	28·6	28·6	29·8	29·7	30·1	29·8	30·5	29·5	31·0	29·8	29·8	28·9	29·8	28·8	29·2	28·7	29·0	29·0	29·0	29·0	28·2	28·2	27·3	27·4	28·4	27·2	23
24	29·1	29·1	29·4	29·5	30·2	30·7	31·3	31·5	32·2	32·0	31·9	32·0	31·8	32·0	31·0	31·0	31·2	31·2	31·9	31·9	31·7	31·8	32·2	32·0	29·3	29·3	24
25	34·0	34·2	35·0	35·0	35·8	35·2	36·0	35·2	35·2	34·9	35·0	34·8	33·9	33·9	33·0	33·0	34·0	33·9	34·8	34·2	36·3	35·6	35·9	35·3	34·1	33·8	25
26	39·0	38·3	40·0	38·7	39·9	39·2	40·1	39·1	40·0	38·0	41·0	36·2	40·2	36·0	40·0	36·0	40·0	36·0	39·9	36·1	38·8	36·0	39·0	35·0	38·2	36·5	26
27	37·0	37·0	37·8	37·8	37·8	37·8	37·0	37·0	37·9	37·9	37·4	37·4	37·3	37·3	37·7	37·7	36·9	36·9	35·3	35·3	35·2	35·2	34·9	34·8	36·7	36·0	27
28	24·0	21·8	22·4	22·0	23·1	21·0	23·1	21·9	22·8	20·9	21·4	21·0	21·2	20·2	19·4	19·0	18·9	18·9	18·2	18·2	18·0	18·0	16·9	17·0	22·4	21·6	28
29	25·0	23·3	26·1	24·1	25·3	23·1	25·9	23·9	29·1	26·3	28·2	26·1	24·7	24·1	23·1	22·9	22·3	22·0	22·0	21·1	21·1	21·0	21·0	20·8	21·5	20·7	29
30	28·0	28·0	28·7	28·7	27·1	27·1	27·7	27·8	27·3	27·3	27·4	27·4	27·0	27·0	26·0	26·1	25·0	25·0	24·6	24·6	23·9	23·9	23·0	23·0	25·6	25·5	30
31																											31
Means.	27·8	27·4	28·3	27·8	28·2	27·7	28·1	27·7	28·0	27·4	27·7	27·2	27·3	26·8	26·9	26·4	26·6	26·0	26·3	25·8	26·2	25·6	26·0	25·3	26·8	26·1	Means.

MAY 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	22·5	22·2	22·5	20·0	23·1	20·7	24·7	19·1	22·9	21·7	23·6	23·0	24·3	24·2	25·1	25·1	25·9	25·9	26·0	26·2	27·2	27·0	28·9	27·3	1
2	23·2	23·0	22·9	22·1	21·8	21·2	24·0	23·0	23·3	21·8	23·0	21·5	23·4	22·7	24·0	23·0	25·2	24·7	26·7	25·7	28·0	27·0	28·8	28·0	2
3	31·6	31·6	31·0	31·1	31·2	31·3	30·8	31·0	30·3	30·6	30·8	30·9	30·9	31·0	30·3	30·7	31·9	32·0	32·0	32·0	32·1	32·1	32·4	32·1	3
4	34·8	34·8	34·2	34·5	34·5	34·5	34·0	34·1	33·9	33·9	34·6	34·6	35·0	35·1	33·9	33·9	32·9	33·0	32·9	33·0	33·9	34·0	33·8	33·8	4
5	37·6	37·8	38·0	38·1	38·1	38·2	38·0	38·0	38·1	38·1	36·9	36·9	37·3	37·3	37·1	37·1	37·3	37·6	37·3	37·5	38·0	38·0	37·7	37·8	5
6	36·8	36·8	36·1	36·1	36·8	36·8	36·8	36·8	36·3	36·3	36·2	36·2	36·7	36·7	36·0	36·0	36·4	36·4	33·6	33·7	32·0	32·0	33·1	33·1	6
7	37·7	35·0	37·0	34·9	37·0	35·2	37·1	35·2	37·4	35·2	37·0	35·2	38·1	36·1	37·3	36·2	37·6	36·4	38·0	36·3	40·0	37·2	39·6	37·1	7
8	34·8	33·5	33·7	33·7	33·4	33·4	33·0	33·0	32·9	32·9	32·2	32·2	32·0	32·0	32·0	32·0	32·4	32·7	33·1	33·1	33·3	33·5	33·0	33·0	8
9	28·1	27·0	27·9	25·2	27·7	25·0	30·1	28·0	28·0	25·3	27·1	25·1	27·0	26·0	29·0	29·0	27·0	27·0	27·6	27·6	27·3	27·3	27·1	27·1	9
10	32·0	32·0	34·0	34·0	33·8	34·0	35·1	35·1	34·9	35·0	35·0	35·1	34·7	34·8	34·7	34·8	32·6	32·2	30·8	31·2	28·6	29·0	29·0	29·3	10
11	24·9	25·0	24·3	24·5	24·3	24·4	24·1	24·3	24·0	24·0	23·2	23·2	23·2	23·2	23·2	23·2	24·6	24·6	24·7	24·7	25·5	25·7	26·1	26·1	11
12	21·5	21·0	21·3	21·5	21·9	21·9	20·2	20·2	19·1	19·1	19·5	19·7	20·1	20·1	20·9	20·9	21·3	21·3	22·1	22·1	23·8	23·1	23·1	22·2	12
13	22·0	22·0	22·9	22·9	23·9	23·9	24·1	24·1	24·8	24·8	25·0	25·0	25·1	25·1	26·0	26·0	26·6	26·6	27·0	27·0	27·4	27·4	27·0	27·0	13
14	24·1	24·1	23·2	23·2	23·3	23·3	22·6	22·7	22·8	22·8	23·0	23·0	22·8	22·8	22·9	22·9	22·9	23·0	22·4	22·4	23·2	21·8	23·5	22·0	14
15	23·2	23·2	23·8	23·8	23·4	23·6	23·8	23·7	23·9	23·9	24·4	24·4	24·8	24·8	25·3	25·3	26·3	26·3	26·0	26·0	26·0	26·0	26·1	26·1	15
16	23·2	23·2	22·2	22·2	21·9	21·2	22·1	21·0	23·4	22·0	24·1	22·9	23·3	22·1	23·0	22·4	24·1	24·1	24·2	24·2	25·1	25·1	27·6	27·6	16
17	27·1	27·1	27·2	27·2	27·1	27·1	27·9	27·9	28·0	28·0	28·1	28·1	28·7	28·7	29·1	29·1	30·0	30·0	31·3	31·3	32·0	32·0	32·1	32·1	17
18	33·1	32·2	33·9	33·9	32·7	32·7	30·8	30·9	29·4	29·5	30·0	30·0	30·2	30·2	31·0	31·0	31·3	31·3	31·6	31·6	31·9	32·0	32·0	32·0	18
19	30·1	30·1	30·7	30·7	30·2	30·2	29·7	29·8	30·0	30·0	29·9	29·9	29·2	29·2	30·0	30·0	30·2	30·2	31·3	31·7	30·8	31·1	32·0	32·0	19
20	27·9	26·5	27·3	26·7	27·9	27·0	29·6	25·0	31·2	24·7	32·0	27·4	32·0	25·7	30·1	28·8	30·9	29·7	31·8	31·7	32·5	32·1	33·7	31·5	20
21	29·9	30·0	29·1	29·1	29·7	29·7	29·1	29·1	28·3	28·3	28·6	28·6	29·0	29·0	29·0	29·1	29·9	30·0	30·3	30·3	30·9	31·0	31·7	31·7	21
22	30·9	27·7	30·4	27·8	30·2	29·1	30·8	26·6	32·0	28·0	32·6	28·0	33·2	28·9	33·9	29·8	34·9	32·1	35·6	33·3	37·2	34·0	37·8	33·0	22
23	33·3	32·8	34·0	32·2	34·6	32·0	34·9	32·4	34·9	32·3	36·0	33·0	37·7	34·0	39·6	34·7	38·3	34·4	43·7	37·0	39·2	36·6	42·2	38·4	23
24	38·9	38·9	37·1	37·2	37·7	37·8	37·5	37·6	38·3	38·4	37·2	37·4	36·5	36·8	39·1	39·4	39·2	39·3	40·7	40·1	40·8	40·0	42·7	42·1	24
25	36·0	36·0	36·0	36·0	35·7	35·7	35·0	35·0	35·5	35·5	34·8	34·8	34·0	34·0	35·2	35·7	34·9	34·9	34·2	34·2	33·8	34·0	32·3	32·5	25
26	27·1	27·1	26·8	26·8	25·5	25·5	26·3	26·3	26·1	26·1	26·3	26·3	26·7	26·7	27·3	27·3	26·2	26·5	27·6	28·0	28·2	28·0	28·1	28·1	26
27	23·9	24·0	23·1	23·1	23·5	23·6	24·2	24·4	24·0	23·8	25·0	24·0	26·8	24·5	29·8	27·3	31·1	28·5	35·8	31·7	32·6	30·5	32·2	30·0	27
28	27·0	27·0	27·0	27·0	26·2	26·2	26·9	27·0	27·2	27·2	27·2	27·3	28·0	28·0	28·1	28·1	29·0	29·0	29·0	29·0	30·0	30·1	30·7	31·0	28
29	28·2	28·4	27·0	27·0	26·3	26·7	26·2	26·4	26·3	26·3	27·3	27·0	27·5	27·3	29·9	28·8	30·2	30·0	31·0	30·2	32·2	31·8	34·5	32·1	29
30	29·1	29·1	29·0	29·0	28·9	29·0	28·5	28·5	28·1	28·1	27·5	27·7	27·7	27·8	27·9	28·0	28·5	28·8	29·8	29·8	30·0	30·2	30·2	30·2	30
31	29·0	29·0	29·0	29·0	28·2	28·2	27·3	27·4	28·0	28·0	27·9	27·9	28·7	28·8	28·8	29·1	28·3	29·0	30·0	29·7	30·1	30·0	30·6	30·1	31
Means.	29·3	29·0	29·1	28·7	29·0	28·7	29·2	28·5	29·1	28·4	29·2	28·6	29·5	28·8	30·0	29·5	30·3	29·9	30·9	30·4	31·1	30·6	31·6	30·9	Means.

MAY 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	29·9	27·8	30·2	28·3	31·5	29·1	32·1	29·5	31·1	29·0	30·1	28·0	29·5	28·0	27·3	27·0	25·2	25·2	23·4	23·0	22·6	22·0	22·0	22·0	26·3	25·1	1
2	30·7	29·1	30·9	29·8	31·1	30·1	31·4	29·9	31·0	29·1	30·6	29·2	29·9	29·4	30·0	30·2	30·7	30·8	30·9	30·9	30·9	30·9	31·7	31·7	27·7	26·9	2
3	34·0	34·0	34·1	34·4	35·0	35·1	35·1	35·3	35·0	35·1	35·0	35·1	34·9	35·0	34·7	34·7	34·4	34·4	34·9	35·0	35·0	35·1	34·7	34·8	33·0	33·1	3
4	33·9	34·0	34·0	34·2	34·8	34·8	35·2	35·2	35·1	35·2	35·2	35·3	36·1	36·2	36·4	36·4	37·1	37·2	37·8	37·9	37·1	37·1	37·7	37·8	35·0	35·0	4
5	38·3	38·4	38·0	38·1	38·8	38·9	37·9	37·9	37·8	37·8	37·1	37·1	37·4	37·5	38·0	38·0	37·3	37·3	37·9	37·9	37·9	38·0	37·9	38·0	37·7	37·8	5
6	33·1	33·1	33·9	33·9	33·9	32·8	36·1	32·6	38·0	33·1	38·0	33·2	37·3	34·1	37·3	31·1	36·8	32·0	37·0	34·2	37·9	34·9	38·0	34·9	36·0	34·4	6
7	40·0	37·6	40·5	37·0	40·0	38·2	38·2	36·5	36·9	35·3	35·9	34·9	35·8	34·7	36·0	34·2	36·8	34·0	36·9	34·1	36·4	34·0	34·0	33·8	37·6	35·6	7
8	33·2	33·2	33·6	33·7	33·1	33·2	32·8	32·8	32·6	32·6	32·2	32·2	32·0	32·0	31·0	31·3	30·1	30·1	30·0	30·0	28·2	28·3	28·0	26·2	32·2	32·1	8
9	27·7	27·7	26·9	26·9	28·1	28·1	28·3	28·3	28·2	28·2	28·0	28·0	27·9	27·9	27·2	27·2	27·6	27·6	27·3	27·4	27·1	27·2	30·9	30·8	27·9	27·3	9
10	29·3	29·6	29·0	29·2	28·9	29·0	28·9	28·9	28·1	28·1	28·0	28·0	27·2	27·2	26·9	26·9	26·5	26·8	26·0	26·0	25·4	25·4	25·3	25·4	30·2	30·3	10
11	25·8	25·8	25·9	25·9	25·8	25·8	25·4	25·4	25·1	25·1	25·0	25·0	24·7	24·7	24·0	24·0	23·8	23·9	23·5	23·5	22·5	22·5	22·0	22·0	24·4	24·4	11
12	24·4	23·1	24·2	23·0	24·8	23·2	24·1	23·1	23·9	23·0	23·3	22·8	23·1	22·8	22·3	21·9	21·3	21·2	20·9	20·0	21·2	20·0	21·3	20·8	22·1	21·6	12
13	25·9	25·9	26·0	26·0	26·8	26·9	27·0	27·0	26·2	26·2	26·0	26·0	25·8	25·8	25·8	25·8	25·3	25·3	25·8	25·8	25·4	25·4	25·1	25·1	25·5	25·5	13
14	23·9	22·0	23·5	22·0	23·3	22·8	23·1	22·9	23·1	22·2	22·9	23·0	23·9	24·0	23·9	24·0	23·9	24·0	24·1	24·1	23·4	23·4	24·0	24·0	23·3	23·0	14
15	26·0	26·0	26·8	26·2	26·2	26·5	26·8	26·9	26·9	27·0	26·3	26·3	25·9	25·9	24·9	24·8	23·9	23·9	23·4	23·4	23·2	23·2	23·1	23·0	25·0	25·0	15
16	29·1	29·1	30·1	30·1	30·0	30·0	29·8	30·0	28·8	28·9	27·9	28·0	26·5	26·7	27·3	27·3	27·2	27·2	27·0	27·0	27·2	27·2	27·0	27·0	25·9	25·7	16
17	31·3	31·3	31·1	31·2	31·1	31·1	30·6	30·7	30·0	30·0	29·3	29·3	31·2	31·2	32·1	32·1	32·2	32·2	32·1	32·1	32·0	32·1	32·0	32·1	30·2	30·2	17
18	32·0	32·0	32·1	32·1	32·0	32·0	32·1	32·1	32·0	32·0	31·9	32·0	31·2	31·2	31·5	31·5	31·8	31·9	32·0	32·0	31·1	31·1	31·0	31·0	31·6	31·6	18
19	31·2	32·0	31·3	31·9	31·3	31·7	31·4	31·7	30·1	30·1	30·4	30·9	29·9	30·0	29·0	29·1	28·1	28·1	27·0	27·0	27·7	27·7	28·0	26·2	30·0	30·1	19
20	34·3	32·1	34·8	34·1	34·9	34·8	34·7	34·7	34·0	34·0	32·9	33·0	32·6	32·7	32·0	32·1	31·8	31·8	31·2	31·2	31·0	31·1	30·5	30·6	31·7	30·4	20
21	30·9	30·9	31·9	31·9	32·5	32·2	32·1	32·1	32·4	32·4	32·1	32·1	32·1	32·1	31·8	32·1	30·9	30·6	30·8	30·3	30·2	29·1	30·8	28·0	30·6	30·4	21
22	39·4	34·0	39·8	34·2	40·1	34·2	40·8	35·4	40·7	37·0	39·2	38·2	37·5	37·5	36·3	36·4	35·2	35·3	34·1	34·1	34·1	34·2	34·0	33·9	35·4	32·6	22
23	43·0	39·2	43·7	40·0	42·4	39·3	41·7	39·0	42·6	39·8	42·1	39·7	40·0	39·3	41·1	39·0	40·8	39·1	40·1	38·7	39·8	36·2	38·2	37·4	39·3	36·5	23
24	43·7	43·3	40·7	40·1	39·8	39·0	39·6	39·1	37·9	38·1	37·9	38·1	37·3	37·3	37·9	37·9	37·3	37·3	37·1	37·0	36·9	36·9	36·2	36·3	38·7	38·6	24
25	32·0	32·1	32·1	32·3	32·7	32·8	32·9	33·0	32·0	32·0	31·2	32·0	30·0	30·1	29·8	29·8	29·8	29·9	29·1	29·1	29·0	29·0	28·2	28·2	32·8	32·9	25
26	28·3	28·3	28·8	29·1	28·0	28·0	27·7	27·5	29·0	27·6	28·0	27·9	27·6	27·8	27·2	27·2	26·2	26·3	25·9	25·9	24·0	24·0	24·1	24·2	27·0	26·9	26
27	35·8	31·8	35·9	31·8	34·7	30·3	34·1	31·2	33·2	31·0	32·4	31·0	31·7	30·2	30·8	30·9	29·0	29·0	28·5	28·5	27·9	27·9	27·8	27·9	29·7	28·2	27
28	30·0	30·1	29·7	29·9	29·6	29·8	29·0	29·1	29·0	29·0	29·0	29·2	30·0	30·1	29·9	30·1	29·1	29·2	29·1	29·2	29·0	29·0	29·0	29·0	28·7	28·8	28
29	39·0	36·7	33·7	33·2	31·5	32·0	31·2	32·0	30·4	30·5	30·8	30·8	30·1	30·1	29·9	30·0	29·8	29·9	29·2	29·2	29·0	29·0	29·1	29·1	30·0	29·8	29
30	31·3	31·8	33·1	32·0	32·0	32·0	32·0	32·1	31·3	32·0	31·1	31·3	30·1	30·2	30·3	30·3	30·5	30·3	30·0	30·0	29·3	29·3	29·2	29·2	29·8	29·9	30
31	31·3	30·3	32·9	30·9	33·1	30·4	34·2	31·7	33·0	30·9	32·4	31·0	31·3	30·2	30·3	29·0	30·1	28·0	29·5	27·0	30·0	27·2	29·9	29·2	30·2	29·2	31
Means.	32·2	31·4	32·2	31·4	32·2	31·4	32·1	31·4	31·8	31·0	31·4	30·9	31·0	30·7	30·7	30·4	30·3	30·0	30·1	29·7	29·8	29·3	29·7	29·3	30·5	30·0	Means.

JUNE 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	29·8	27·9	29·2	28·8	29·9	26·1	30·0	26·8	30·0	28·8	30·7	29·8	32·1	30·9	33·3	32·1	33·3	33·1	34·7	34·0	34·7	34·7	36·6	34·9	1
2	32·9	32·0	31·1	31·1	31·1	31·1	30·5	30·5	31·0	31·0	30·4	30·6	31·0	30·9	31·6	31·0	32·0	31·7	32·0	31·8	31·5	31·8	31·6	31·9	2
3	28·8	28·1	28·2	28·0	29·0	28·8	29·2	29·0	29·3	28·8	30·1	29·2	30·9	30·0	31·2	30·4	35·3	32·1	32·8	32·1	33·0	32·5	33·3	32·8	3
4	32·2	31·8	32·9	32·1	32·7	31·1	37·2	29·9	34·1	31·0	33·0	31·0	32·8	31·3	34·1	32·1	36·1	32·1	35·5	33·2	37·1	35·0	40·0	37·7	4
5	39·1	29·5	37·5	29·9	35·2	31·4	35·6	32·2	34·2	32·2	33·7	33·5	35·1	35·1	35·6	35·6	35·4	35·4	36·1	36·1	36·0	36·0	36·0	36·2	5
6	31·9	32·0	30·5	30·6	30·0	30·0	30·0	30·0	30·1	30·1	30·0	30·0	30·8	30·8	30·9	30·9	31·1	31·1	32·1	32·1	33·0	32·8	32·9	32·9	6
7	36·7	36·7	36·1	36·1	34·6	34·5	32·9	32·9	34·5	31·2	36·9	33·0	38·1	34·1	38·2	34·8	39·5	35·0	41·0	35·8	42·0	36·0	43·1	36·1	7
8	40·0	38·8	38·7	38·1	38·8	38·8	38·9	38·9	38·0	38·0	37·1	37·1	37·2	37·2	36·9	36·9	37·9	37·9	38·3	38·3	39·0	39·0	38·8	38·8	8
9	38·9	38·9	38·3	38·3	38·4	38·4	38·0	38·0	37·9	37·9	37·8	37·8	38·1	38·1	38·0	38·0	38·9	38·9	38·0	38·0	39·3	39·3	40·0	40·0	9
10	39·1	39·1	38·2	38·2	38·8	38·8	38·3	38·3	38·2	38·2	38·9	38·9	38·3	38·3	39·0	39·0	40·0	40·0	40·0	40·0	42·2	42·2	41·4	41·4	10
11	37·8	37·9	35·5	35·5	35·2	35·1	35·9	34·8	36·0	35·8	36·0	36·0	37·0	37·0	36·9	36·8	37·0	36·2	38·1	37·0	39·8	38·2	40·9	38·1	11
12	36·3	36·3	37·0	37·0	37·0	37·0	37·7	37·6	37·0	37·0	34·0	34·0	35·1	35·1	35·3	35·3	35·9	35·9	36·0	36·0	36·2	36·2	36·0	36·0	12
13	32·0	32·0	32·0	32·0	31·3	31·5	31·5	31·5	31·7	31·7	31·8	31·8	31·9	32·0	32·2	32·2	32·9	32·2	34·0	34·0	34·4	34·4	35·2	35·2	13
14	31·8	31·9	31·8	31·9	32·0	32·0	33·0	33·0	34·0	34·0	34·2	34·2	34·3	34·3	35·2	35·2	35·0	35·0	36·5	36·5	36·9	36·9	37·2	37·2	14
15	31·9	32·0	32·1	32·1	31·8	31·8	32·0	32·0	31·6	31·6	32·0	32·0	31·7	31·7	31·4	31·4	32·0	32·2	32·1	32·1	32·2	32·2	32·2	32·2	15
16	31·8	31·8	31·9	31·9	31·5	31·5	31·8	31·8	31·4	31·4	31·3	31·3	31·5	31·5	32·0	32·0	32·2	32·2	32·2	32·2	32·8	32·4	32·8	32·8	16
17	31·3	31·3	31·0	31·0	31·1	31·1	31·0	31·0	30·7	30·7	30·8	30·8	31·2	31·2	31·8	31·8	31·6	31·6	32·0	32·0	32·2	32·2	33·0	33·0	17
18	36·8	34·1	35·9	34·1	36·8	34·3	36·4	33·0	38·0	34·3	38·6	34·6	40·2	34·0	42·0	35·8	42·4	36·0	43·2	35·4	44·2	37·6	45·2	39·0	18
19	45·2	41·2	46·0	41·8	45·8	41·2	46·1	41·3	47·8	42·2	45·8	41·2	46·2	41·4	47·0	41·7	47·0	42·1	47·2	41·8	48·8	41·8	45·9	42·4	19
20	46·0	32·0	42·3	30·9	41·1	30·9	41·0	31·8	41·3	32·1	40·8	32·6	40·7	32·8	42·1	36·0	40·6	30·8	42·8	33·9	45·6	37·5	45·8	37·8	20
21	34·1	34·1	34·0	34·0	34·6	34·6	34·2	34·2	34·3	34·3	35·0	35·0	34·4	34·4	34·8	34·8	35·0	35·0	35·3	35·3	35·2	35·2	36·4	36·4	21
22	35·7	35·7	34·1	34·1	32·8	30·7	34·1	30·8	34·8	30·7	36·0	30·3	34·2	29·8	37·1	37·1	37·2	37·2	36·8	36·8	38·0	38·0	38·4	38·4	22
23	30·1	30·1	30·6	30·6	30·1	30·1	30·6	30·6	30·4	30·4	30·0	30·0	30·0	30·0	29·8	29·8	29·9	29·9	28·6	28·6	29·2	29·2	29·5	29·5	23
24	30·1	30·1	30·2	30·2	30·8	30·8	31·4	31·4	31·3	31·3	31·0	31·0	31·8	31·8	32·0	32·0	31·8	31·8	32·1	32·1	32·3	32·3	35·0	35·0	24
25	30·0	30·0	30·2	30·2	30·0	30·0	30·0	30·0	30·0	30·0	30·2	30·2	30·7	30·7	31·3	31·3	31·5	31·5	31·6	31·6	31·8	31·8	32·1	32·1	25
26	30·0	30·0	30·0	30·0	29·0	29·0	29·4	29·4	29·7	29·7	30·0	30·0	30·3	30·4	31·0	31·0	31·0	31·1	31·5	31·5	30·8	31·0	31·8	31·8	26
27	30·6	30·6	31·0	31·0	30·6	30·6	30·5	30·5	30·0	30·0	29·9	30·0	30·9	30·9	31·3	31·4	32·0	32·0	32·1	32·1	32·3	32·3	33·8	33·8	27
28	36·0	36·0	36·1	36·1	37·0	37·0	36·9	36·9	37·2	37·2	37·2	37·2	36·3	36·3	34·6	34·4	34·5	34·4	35·3	35·3	36·9	36·9	37·0	37·0	28
29	40·1	40·1	40·1	40·1	40·0	40·0	40·1	40·1	40·1	40·1	40·9	40·9	41·0	41·0	41·1	41·1	41·9	41·9	42·7	42·7	43·8	43·8	44·0	44·0	29
30	44·0	41·8	43·9	41·8	42·3	41·0	42·9	41·2	42·1	41·2	43·9	42·5	44·0	42·1	46·0	44·2	47·0	45·8	48·0	46·0	48·2	46·3	49·5	47·1	30
31																									31
Means.	35·0	33·8	34·5	33·6	34·3	33·3	34·6	33·3	34·6	33·4	34·6	33·6	34·9	33·8	35·5	34·5	35·9	34·7	36·3	35·1	37·0	35·8	37·5	36·4	Means.

JUNE 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	36·3	34·1	37·2	34·9	36·4	34·9	36·9	34·0	36·0	34·1	35·0	33·4	34·0	33·0	33·8	32·9	32·8	32·1	33·0	32·1	33·0	31·8	32·0	31·0	33·4	31·9	1
2	32·1	32·1	32·1	32·1	33·0	32·9	32·9	32·8	32·0	32·1	32·0	32·0	31·4	30·8	31·5	31·0	31·2	30·9	31·0	30·1	30·1	30·0	30·3	28·9	31·5	31·3	2
3	35·8	34·1	34·9	34·0	38·2	36·0	35·8	34·7	37·0	35·2	35·0	34·1	34·2	34·0	33·8	33·3	33·1	32·3	33·0	29·2	32·8	30·6	33·0	32·0	32·8	31·7	3
4	40·0	37·3	39·9	37·3	40·9	37·4	40·8	37·5	41·2	38·2	37·2	36·1	36·7	35·2	37·1	32·5	36·9	32·1	37·5	32·0	39·9	30·0	39·9	28·0	36·9	33·4	4
5	35·9	35·9	35·0	35·0	36·0	36·0	35·2	35·2	35·3	35·3	35·8	35·8	35·8	35·8	34·3	34·3	33·2	33·2	33·0	33·0	32·8	32·8	31·8	32·0	35·2	34·1	5
6	33·3	33·3	33·8	33·8	35·1	35·1	36·1	36·1	36·3	36·3	36·5	36·5	37·0	37·0	37·1	37·1	37·2	37·2	37·2	37·2	37·0	37·0	37·0	37·0	33·6	33·6	6
7	44·3	37·1	45·9	41·8	45·7	41·8	44·3	40·9	44·8	40·8	44·0	39·2	44·0	35·8	43·6	35·1	42·4	35·1	40·4	37·0	40·9	38·3	40·1	39·2	40·6	36·6	7
8	39·2	39·2	39·8	39·8	39·9	39·9	39·5	39·5	39·3	39·3	39·2	39·2	39·3	39·3	39·4	39·3	39·0	39·0	38·2	38·2	39·0	39·0	39·0	39·0	38·8	38·7	8
9	40·8	40·8	41·5	41·4	42·1	41·1	42·1	41·3	43·0	41·0	43·9	41·9	42·2	42·2	41·2	41·2	41·3	41·3	40·9	40·9	40·1	40·1	39·8	39·8	40·2	39·8	9
10	41·2	41·2	41·0	41·0	40·3	40·3	40·7	40·7	40·3	40·3	40·5	40·5	40·2	40·2	39·9	39·9	39·8	39·7	39·2	39·2	39·1	39·1	38·5	38·5	39·7	39·7	10
11	41·9	38·9	41·3	37·3	38·8	37·8	38·0	38·0	38·3	38·3	38·0	38·0	38·2	38·2	37·9	37·9	37·2	37·2	37·8	37·8	35·0	35·0	36·1	35·2	37·7	37·0	11
12	35·8	35·8	35·9	35·9	34·9	34·9	34·6	34·6	34·8	34·8	34·6	34·6	33·4	33·4	33·1	33·1	33·1	33·1	32·0	32·1	32·0	32·0	32·0	32·0	35·0	35·0	12
13	34·8	34·8	35·3	35·3	35·0	35·0	34·4	34·4	35·1	35·1	33·8	33·8	34·0	34·0	33·0	33·1	33·2	33·2	33·6	33·6	33·1	33·1	32·2	32·2	33·3	33·3	13
14	37·8	37·8	39·2	39·1	37·8	37·8	34·9	34·9	34·3	34·3	33·0	33·0	32·3	32·3	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	34·2	34·2	14
15	32·0	32·0	32·5	32·2	32·2	32·2	32·2	32·2	32·3	32·3	32·2	32·2	32·1	32·1	32·2	32·2	32·0	32·0	31·8	31·8	31·9	31·9	31·4	31·4	32·0	32·0	15
16	33·2	33·2	33·2	33·3	33·4	33·5	33·3	33·3	33·6	33·6	33·4	33·4	33·5	33·5	32·7	32·7	32·0	32·0	32·0	32·0	31·8	31·8	31·3	31·3	32·4	32·4	16
17	34·0	34·0	34·3	34·3	34·6	34·6	35·0	35·0	34·9	34·9	34·8	34·8	34·6	34·6	33·1	33·1	33·7	33·7	36·0	34·7	35·2	34·0	37·0	34·3	33·1	32·9	17
18	44·0	39·6	44·9	40·6	44·8	41·2	46·4	43·2	46·2	43·4	46·2	43·8	45·0	42·8	43·0	41·0	42·8	40·1	41·7	40·0	43·0	40·8	44·2	41·0	42·2	38·3	18
19	45·6	41·8	46·0	42·0	46·1	42·7	46·9	43·0	46·0	42·7	44·8	42·0	44·8	41·5	45·0	40·2	44·0	36·0	45·4	33·3	45·0	33·8	44·6	33·1	46·0	40·5	19
20	44·0	37·9	45·0	39·8	44·2	40·1	44·0	41·0	42·1	41·0	43·0	41·0	44·7	41·8	45·3	39·4	39·5	37·0	40·2	37·0	36·0	36·0	37·0	36·1	42·3	36·1	20
21	36·6	36·6	36·8	36·8	37·3	37·3	37·1	37·1	37·1	37·1	37·0	37·0	36·2	36·2	36·1	36·1	36·1	36·1	36·1	36·1	36·7	36·7	37·8	37·8	35·8	35·8	21
22	37·4	37·4	37·4	37·4	36·7	36·7	36·0	36·0	34·8	34·8	33·2	33·2	32·8	32·8	32·2	32·2	32·4	32·4	31·4	31·4	32·0	32·0	30·8	30·8	34·8	34·0	22
23	30·2	30·2	31·1	31·1	30·1	30·1	31·0	31·0	31·3	31·3	31·5	31·5	31·2	31·2	31·0	31·0	31·0	31·0	31·0	31·0	31·1	31·1	31·0	31·0	30·4	30·4	23
24	34·1	34·1	33·0	33·0	33·3	33·3	35·8	35·8	35·1	35·1	34·9	34·9	34·5	34·5	34·8	34·8	34·0	34·0	34·0	34·0	32·3	32·3	31·2	31·2	32·8	32·8	24
25	32·2	32·2	32·0	32·0	31·9	31·9	32·1	32·1	32·0	32·0	31·9	31·9	31·3	31·3	31·2	31·2	31·1	31·1	31·2	31·2	31·2	31·2	30·2	30·2	31·2	31·2	25
26	31·8	31·8	31·1	31·1	31·3	31·3	32·1	32·1	32·0	32·0	31·3	32·0	31·6	31·7	31·4	31·4	31·0	31·0	30·7	30·7	31·0	31·0	31·0	31·0	30·9	30·9	26
27	33·0	33·0	34·0	34·1	34·6	34·6	34·0	34·0	33·3	33·3	33·3	33·3	33·4	33·4	32·5	32·4	32·0	32·0	32·8	32·1	34·8	34·8	35·4	35·4	32·4	32·4	27
28	37·9	37·9	38·7	38·7	39·4	39·3	39·8	39·8	39·9	39·9	39·7	39·7	39·8	39·8	40·0	40·0	40·0	40·0	40·2	40·2	40·0	40·0	40·0	40·0	37·9	37·9	28
29	44·0	43·9	44·9	44·7	44·0	43·4	44·6	44·4	42·9	42·9	42·1	42·1	42·2	42·2	42·2	42·2	42·3	42·3	43·0	42·0	43·9	42·0	43·8	41·9	42·3	42·1	29
30	50·0	47·9	50·9	47·4	50·3	47·2	50·2	48·0	53·0	49·4	53·0	49·1	51·3	48·1	48·9	46·1	48·0	46·0	47·9	45·9	47·7	46·0	47·0	45·1	47·5	45·3	30
31																											31
Means.	37·6	36·5	38·0	36·9	37·9	37·0	37·9	37·1	37·8	37·0	37·4	36·7	37·1	36·3	36·6	35·6	36·1	35·2	36·1	34·9	36·0	34·9	35·9	34·6	36·2	35·2	Means.

JULY 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	47·0	45·6	47·3	42·4	46·9	42·1	47·1	43·0	46·3	42·2	46·0	43·4	46·1	43·1	47·0	44·7	49·9	46·3	50·1	46·2	51·9	48·1	51·9	48·8	1
2	46·8	46·8	46·9	46·9	46·2	46·2	45·7	45·7	45·2	44·1	44·3	41·1	45·4	40·7	45·1	41·4	45·4	42·4	45·2	45·2	45·7	45·7	46·2	46·2	2
3	45·2	45·3	45·0	45·0	44·4	44·4	44·2	44·2	44·4	44·4	43·7	43·7	44·0	44·0	44·0	44·1	43·8	43·8	44·0	44·0	44·2	44·2	44·6	44·6	3
4	45·0	41·3	42·5	40·9	41·9	41·9	41·8	41·6	41·6	41·6	41·9	41·9	42·2	42·2	41·1	41·1	42·1	42·1	43·8	43·8	44·4	44·4	45·9	45·9	4
5	42·3	37·9	41·9	37·3	38·5	38·0	41·0	39·0	38·2	38·2	38·2	38·2	40·0	40·1	40·0	40·1	40·2	40·2	41·0	41·1	41·7	41·7	41·3	41·3	5
6	42·3	42·3	42·4	42·4	42·9	42·8	42·8	42·8	42·7	42·6	41·8	41·7	39·9	39·8	38·2	38·2	38·2	38·2	38·0	38·0	38·4	38·3	37·9	37·9	6
7	35·0	35·0	34·0	34·0	34·9	34·9	35·5	35·5	34·7	34·7	35·0	35·0	35·2	35·2	35·1	35·1	36·3	36·3	37·0	37·0	36·7	36·7	35·9	35·9	7
8	32·0	32·0	32·2	32·2	32·8	32·8	32·9	32·9	32·3	32·3	32·8	32·8	32·9	32·9	32·8	32·8	33·2	33·2	33·4	33·4	34·3	34·3	35·0	35·0	8
9	27·1	26·2	27·9	26·1	27·5	25·7	28·1	26·0	28·8	26·2	29·9	27·1	29·9	27·1	30·7	27·5	32·3	29·2	34·1	30·1	35·1	32·0	34·0	32·1	9
10	31·4	32·0	31·7	31·7	31·6	31·6	31·7	31·7	30·9	30·9	31·6	31·6	31·7	31·7	32·0	31·2	33·0	32·0	33·9	33·4	35·0	34·8	37·0	36·8	10
11	42·0	42·0	42·2	42·2	44·0	44·0	43·8	43·7	45·0	45·0	45·0	44·9	45·0	45·0	45·1	45·1	46·7	46·4	46·8	46·5	46·8	46·4	45·9	45·8	11
12	38·1	38·1	37·8	37·8	38·9	38·9	37·1	37·1	36·8	36·8	36·2	36·2	37·2	37·2	36·2	36·2	37·0	37·0	36·3	36·3	37·0	37·0	37·0	37·0	12
13	35·2	35·2	35·9	36·0	35·8	35·9	35·4	35·4	35·2	35·2	35·9	35·9	35·6	35·6	35·8	35·9	35·0	35·0	35·0	35·0	35·7	35·7	36·0	36·0	13
14	37·9	38·0	37·9	37·9	38·1	38·1	36·9	36·9	36·1	36·1	35·2	35·2	35·1	35·1	34·9	34·9	34·5	34·5	34·5	34·5	34·1	34·1	33·9	33·9	14
15	31·0	31·0	31·6	31·6	32·0	32·0	32·1	32·1	32·1	32·1	32·1	32·1	32·2	32·1	32·7	32·2	32·9	32·7	33·1	33·1	33·2	33·2	33·6	33·6	15
16	32·7	32·7	32·1	32·1	32·0	32·1	31·9	32·0	30·9	30·9	31·0	31·0	31·1	31·1	31·2	31·2	32·0	32·0	32·1	32·1	32·1	32·1	32·1	32·1	16
17	33·7	33·7	33·1	33·1	33·9	33·9	33·2	33·2	32·6	32·6	32·0	32·0	32·1	32·1	32·9	32·9	33·8	33·8	34·2	34·2	35·7	35·7	36·8	36·6	17
18	38·9	38·9	39·0	39·0	39·5	39·5	39·8	39·8	40·1	40·1	40·8	40·8	41·0	41·0	41·6	41·6	42·2	42·1	42·9	42·9	44·1	44·1	44·6	44·6	18
19	47·9	47·9	47·5	47·4	47·0	47·0	46·5	46·3	46·0	46·0	45·8	45·7	45·7	45·5	45·1	45·1	44·6	44·5	44·3	44·0	45·0	43·8	45·4	42·8	19
20	38·0	38·0	37·0	37·0	37·6	37·6	38·0	38·0	37·8	37·7	37·2	37·2	36·8	36·8	37·0	37·0	38·1	38·1	38·1	38·1	39·6	39·4	41·2	40·0	20
21	43·0	43·0	43·1	43·0	43·3	43·2	44·0	44·0	44·0	43·9	44·1	44·0	44·7	44·7	45·1	45·1	45·9	45·7	49·0	47·0	50·0	47·2	51·8	47·2	21
22	45·8	45·8	44·7	44·6	42·5	42·2	41·1	41·1	40·2	40·2	39·7	39·7	40·2	40·2	41·0	41·0	41·0	41·0	41·9	41·9	42·3	42·3	42·0	42·0	22
23	40·0	40·0	39·3	39·3	39·7	39·6	39·7	39·7	39·8	39·8	39·7	39·7	39·8	39·8	39·9	39·9	40·1	40·1	40·4	40·4	40·3	40·3	40·6	40·6	23
24	40·6	40·6	41·0	41·0	41·0	41·0	41·2	41·2	41·0	41·0	41·3	41·3	41·9	41·9	42·0	42·0	42·9	42·9	42·8	42·8	44·0	44·0	43·6	43·2	24
25	37·6	37·0	38·9	38·9	38·3	38·0	38·1	37·0	38·0	37·3	38·3	38·0	39·3	39·2	40·2	40·1	41·9	41·8	41·5	41·4	41·9	41·9	41·8	41·7	25
26	39·2	39·0	38·5	38·3	37·3	37·3	37·2	37·2	37·1	37·1	36·5	36·6	37·4	37·4	37·0	37·0	36·3	36·3	36·5	36·5	36·0	36·0	36·1	36·1	26
27	29·8	29·9	29·8	29·8	29·5	29·5	29·7	29·7	29·3	29·3	29·7	29·7	30·0	30·0	30·0	30·0	30·1	30·1	31·0	31·0	31·6	31·6	32·1	32·1	27
28	31·0	31·0	31·0	31·0	30·9	30·9	31·0	31·0	31·0	31·0	31·6	31·6	31·8	31·8	32·0	32·0	32·1	32·1	32·2	32·2	33·5	32·8	35·0	35·0	28
29	33·1	33·1	33·0	33·0	32·4	32·1	33·0	33·0	32·7	32·7	33·3	33·3	33·8	33·8	34·2	34·2	34·9	34·9	35·3	35·3	36·0	36·0	37·0	37·0	29
30	36·7	36·7	36·9	36·9	37·0	37·0	37·1	37·1	37·0	37·0	37·0	37·0	37·0	37·0	37·9	37·9	38·3	38·3	39·2	39·2	39·8	39·7	40·2	40·2	30
31	36·8	36·6	36·4	36·2	36·0	36·1	35·4	35·4	36·0	36·0	35·5	35·5	35·5	35·5	36·0	36·0	37·2	37·2	37·6	37·0	36·3	36·3	37·1	37·0	31
Means.	38·2	37·8	38·0	37·6	37·9	37·6	37·8	37·5	37·5	37·3	37·5	37·2	37·8	37·4	37·9	37·5	38·4	38·1	38·9	38·5	39·4	39·0	39·8	39·3	Means.

JULY 1886

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	53·2	49·3	52·3	49·0	53·1	49·9	53·6	50·5	52·6	50·1	51·1	49·2	51·1	49·9	50·4	49·4	49·6	48·9	49·1	48·4	48·3	48·1	47·3	47·2	49·6	46·9	1
2	46·2	46·2	46·8	46·8	46·2	46·3	46·5	46·5	46·1	46·1	45·8	45·8	46·3	46·3	46·0	46·1	45·2	45·2	46·1	46·1	45·2	45·1	44·0	44·0	45·8	45·1	2
3	45·0	45·0	44·2	44·2	43·8	43·7	44·3	41·2	47·0	37·3	45·6	37·6	47·4	35·9	47·5	40·1	48·3	38·2	46·2	38·1	44·2	38·4	44·8	43·7	45·0	42·3	3
4	45·4	45·4	45·1	45·1	44·0	44·1	43·0	43·1	42·0	42·1	41·1	41·1	39·1	39·2	38·2	38·2	41·0	36·7	40·0	37·3	41·1	37·3	41·2	37·3	42·3	41·5	4
5	42·0	42·1	41·9	42·1	41·8	41·9	43·0	43·0	42·7	42·7	42·9	42·9	42·9	43·0	42·9	42·9	41·8	41·8	41·0	41·0	41·0	41·0	41·2	41·2	41·2	40·8	5
6	38·1	38·0	37·3	37·3	37·8	37·8	37·8	37·8	37·1	37·1	37·1	37·1	36·5	36·5	36·2	36·2	36·1	36·1	36·0	36·0	36·5	36·5	36·1	36·2	38·7	38·6	6
7	35·7	35·7	35·1	35·1	35·7	35·7	34·4	34·4	34·7	34·7	34·1	34·1	33·7	33·7	33·1	33·1	33·1	33·1	32·9	33·0	32·8	32·8	32·1	32·1	34·7	34·7	7
8	35·2	35·2	35·4	35·4	34·8	34·8	34·1	34·1	33·1	33·1	32·0	32·0	32·0	32·0	32·0	32·0	30·9	30·9	30·6	30·6	28·5	28·5	27·0	26·1	32·6	32·6	8
9	33·3	32·0	34·5	32·2	34·0	33·9	34·1	34·1	33·9	33·9	33·3	33·3	33·7	33·7	33·0	33·0	33·0	33·1	33·0	33·0	33·0	33·0	32·0	32·0	31·9	30·5	9
10	37·8	37·3	38·0	38·0	37·8	37·8	37·0	37·0	36·0	36·0	36·4	36·4	35·8	35·8	36·6	36·6	38·0	38·0	39·2	39·2	40·1	40·1	41·2	41·1	35·2	35·1	10
11	46·7	46·4	46·2	46·1	47·0	47·0	47·7	47·5	46·6	46·3	44·7	44·4	43·6	43·4	42·9	42·9	41·7	41·7	39·3	39·4	37·8	37·8	38·0	38·0	44·2	44·1	11
12	37·0	37·0	37·3	37·3	37·0	37·0	37·0	37·0	36·9	36·9	37·0	37·0	36·8	36·8	35·8	35·8	35·8	35·8	36·0	36·0	35·1	35·1	34·6	34·6	36·7	36·7	12
13	37·0	37·0	36·9	36·9	37·1	37·1	36·2	36·2	36·5	36·5	36·3	36·3	36·8	36·8	36·8	36·8	36·5	36·5	36·9	36·9	37·1	37·1	37·3	37·3	36·2	36·2	13
14	34·0	34·0	33·8	33·8	33·7	33·7	33·5	33·5	33·2	33·2	32·7	32·7	32·8	32·8	32·3	32·3	31·7	32·0	31·1	31·1	31·2	31·2	31·2	31·2	34·2	34·2	14
15	33·3	33·3	34·0	34·0	33·5	33·5	33·5	33·5	33·4	33·4	33·2	33·2	33·2	33·2	33·1	33·1	33·0	33·0	32·9	33·0	33·0	33·0	32·9	33·0	32·8	32·8	15
16	33·0	33·0	32·3	32·3	33·8	33·8	33·4	33·4	33·8	33·8	33·5	33·5	33·6	33·6	33·3	33·3	33·0	33·0	32·8	32·8	33·1	33·1	33·0	33·0	32·5	32·5	16
17	38·0	37·2	39·9	38·7	40·3	39·0	40·9	39·2	40·2	38·8	41·1	39·5	40·9	39·2	40·0	39·0	39·3	38·3	39·7	38·9	39·2	38·2	38·8	38·3	36·8	36·2	17
18	45·3	45·3	46·1	46·0	45·3	45·2	45·3	45·3	45·8	45·8	45·9	45·9	45·0	45·0	43·9	43·4	45·1	45·1	46·2	46·1	46·9	46·9	47·5	47·4	43·4	43·4	18
19	46·1	43·1	44·9	42·5	44·0	42·0	44·7	42·3	43·0	42·2	41·9	41·2	41·9	41·0	41·2	40·3	41·1	41·0	39·8	39·8	39·9	39·9	38·8	38·8	44·1	43·3	19
20	41·2	41·1	42·2	41·2	43·0	41·9	44·1	42·0	45·0	42·5	43·2	42·0	42·7	41·4	42·0	41·8	42·3	42·2	42·9	42·5	42·3	41·6	42·5	42·2	40·4	39·9	20
21	50·1	47·6	49·1	48·5	49·4	49·1	49·3	49·1	49·2	49·1	47·8	47·7	46·9	46·9	45·9	45·9	46·8	46·6	46·9	46·9	46·9	46·9	46·5	46·4	46·8	46·2	21
22	42·9	42·8	42·7	42·2	41·5	41·3	41·1	41·1	41·7	41·7	41·0	41·0	40·8	40·8	40·7	40·6	41·0	40·9	41·0	41·0	40·3	40·3	40·1	40·1	41·6	41·5	22
23	40·8	40·8	41·1	41·1	40·9	40·9	41·0	41·0	40·9	40·9	40·1	40·1	40·7	40·6	40·0	40·0	40·5	40·5	40·2	40·1	40·8	40·8	40·0	40·0	40·3	40·2	23
24	43·0	43·0	43·0	42·9	42·5	42·4	41·9	41·9	41·5	41·4	41·0	41·0	40·6	40·6	39·0	38·3	39·1	38·2	39·1	38·1	39·4	38·2	39·3	39·2	41·4	41·2	24
25	42·0	41·9	42·0	42·0	41·9	41·9	42·0	42·0	41·3	41·2	41·5	41·4	41·0	40·7	40·4	40·4	40·8	40·8	40·8	40·7	39·9	39·9	39·2	39·1	40·4	40·2	25
26	35·4	35·4	35·6	35·6	36·1	36·1	34·9	34·9	34·1	34·1	34·0	34·0	32·0	32·0	31·0	31·0	30·1	30·1	30·2	30·2	30·1	30·1	30·0	30·0	34·9	34·9	26
27	32·1	32·1	33·1	33·1	32·3	32·3	32·8	32·8	32·8	32·8	32·0	32·0	32·0	32·0	31·5	32·1	30·7	30·7	30·3	30·3	30·7	30·7	31·0	31·1	31·0	31·0	27
28	35·2	35·2	35·8	35·8	36·7	36·4	37·0	37·0	37·4	37·2	37·0	36·7	35·8	35·7	35·0	35·0	34·8	34·6	34·1	34·1	34·0	34·0	33·7	33·7	33·7	33·7	28
29	37·9	37·9	37·9	37·9	37·4	37·4	37·8	37·8	37·9	37·9	37·3	37·3	37·1	37·1	37·1	37·1	37·2	37·2	37·1	37·1	36·9	36·9	36·0	36·0	35·7	35·7	29
30	39·8	39·8	40·9	40·8	40·1	40·0	40·6	40·4	40·0	40·0	39·2	39·2	38·2	38·2	38·7	38·7	38·0	38·0	37·8	37·8	37·3	37·3	37·1	37·1	38·4	38·4	30
31	36·6	36·6	37·1	37·1	37·2	37·2	36·8	36·8	35·9	35·9	35·9	35·7	35·1	35·1	34·9	34·9	33·9	33·9	33·0	33·0	32·0	32·0	32·0	32·0	35·6	35·6	31
Means.	40·0	39·6	40·1	39·7	40·0	39·7	40·0	39·6	39·8	39·2	39·2	38·8	38·9	38·4	38·4	38·1	38·4	37·8	38·1	37·7	37·9	37·5	37·6	37·4	38·6	38·3	Means.

AUGUST 1886.

Temperature—Dry and Wet Bulbs

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	32·3	32·3	32·1	32·1	31·9	32·1	30·4	30·4	31·0	31·0	31·1	31·1	30·9	30·9	30·4	30·4	31·7	31·7	32·0	32·0	32·0	32·0	32·1	32·1	1
2	32·0	32·1	31·9	32·0	31·7	31·7	31·5	31·5	30·7	30·7	30·1	30·1	30·7	30·7	31·2	31·2	32·0	32·0	32·0	32·0	32·1	32·1	32·1	32·1	2
3	29·0	29·0	28·3	28·2	27·7	27·6	28·0	28·1	29·6	29·7	30·2	30·2	31·2	31·2	32·0	32·0	32·1	32·1	32·2	32·2	33·5	33·5	35·4	35·1	3
4	33·9	33·9	33·2	33·2	33·4	33·4	33·0	33·0	32·0	31·2	32·2	32·0	34·0	34·0	34·7	34·6	35·9	35·8	36·8	36·2	38·0	37·0	40·0	38·1	4
5	38·2	38·2	38·3	38·3	38·3	38·3	37·9	37·9	38·2	38·2	38·2	38·2	38·4	38·4	39·0	39·0	40·0	39·8	40·2	40·2	40·8	40·6	41·1	41·0	5
6	45·6	45·0	43·9	43·3	44·6	42·9	43·7	41·3	43·0	38·7	43 0	38·8	43·5	37·0	43·3	39·5	41·0	39·8	42·2	42·1	44·2	44·1	42·7	42·6	6
7	41·3	36·0	39·9	39·8	43·0	42·9	44·1	44·1	45·0	45·0	44·7	44·7	44·3	44·3	44·0	44·0	42·1	42·1	42·3	42·3	39·5	39·5	39·3	39·3	7
8	39·5	39·5	39·8	39·8	39·3	39·3	38·0	38·0	38·0	38·0	38·5	38·5	39·0	39·0	39·0	39·0	39·0	39·0	39·4	39·4	39·2	39·2	39·2	39·2	8
9	36·0	36·0	37·0	37·0	36·4	36·4	36·2	36·2	35·7	35·7	35·6	35·6	36·0	36·0	36·6	36·6	36·9	36·9	36·1	36·1	37·1	37·1	37·1	37·1	9
10	35·7	35·7	35·4	35·4	35·2	35·2	35·1	35·1	35·5	35·5	35·0	35·0	35·8	35·8	36·2	36·2	37·1	37·1	37·3	37·3	38·3	38·3	39·8	39·2	10
11	33·1	33·1	32·2	32·2	32·0	32·0	32·0	32·1	31·7	31·7	32·0	32·0	32·0	32·0	32·3	32·3	33·0	32·1	34·0	34·0	34·2	34·2	35·0	35·0	11
12	35·1	35·1	35·0	35·0	34·9	34·9	34·3	34·3	34·0	34·0	34·1	34·1	34·3	34·3	34·2	34·2	35·1	35·1	35·2	35·2	35·6	35·6	35·7	35·7	12
13	39·0	39·0	39·0	39·0	38·8	38·8	38·9	38·9	39·0	39·0	38·7	38·7	38·9	38·9	39·3	39·3	40·0	40·0	41·0	41·0	41·9	41·9	41·3	41·2	13
14	35·5	35·5	34·9	34·9	34·1	34·1	33·6	33·6	33·0	33·0	32·3	32·3	32·8	32·8	32·2	32·2	32·9	32·8	34·0	34·0	35·1	34·9	36·2	35·6	14
15	35·2	35·0	36·1	36·0	37·0	37·0	37·2	37·2	38·0	38·0	37·2	36·2	39·2	37·2	39·9	38·9	40·4	40·1	42·2	42·2	44·4	44·3	45·6	45·6	15
16	41·0	41·0	40·6	40·6	40·1	40·1	40·7	40·7	41·0	40·9	40·1	40·1	40·5	40·4	40·2	40·2	40·0	40·0	40·1	40·0	39·5	39·4	39·9	39·8	16
17	40·0	40·0	40·0	40·0	40·1	40·1	39·3	39·3	38·6	38·5	37·8	37·8	37·4	37·4	37·4	37·4	36·9	36·9	36·4	36·4	35·3	36·3	37·6	37·6	17
18	38·3	35·1	37·9	35·0	37·9	36·0	38·0	34·8	39·4	39·0	42·0	41·9	42·0	42·0	42·9	42·8	48·5	48·3	47·1	47·0	49·2	49·1	49·7	49·5	18
19	46·9	46·8	45·2	45·2	42·9	42·9	40·7	38·9	40·5	36·9	42·1	34·5	45·8	36·2	46·3	38·0	47·0	38·2	48·4	36·5	52·0	38·4	52·8	42·4	19
20	45·9	38·2	45·5	39·1	45·0	45·0	46·0	46·0	47·1	47·1	47·2	47·1	47·0	46·9	47·6	47·6	47·5	47·4	46·5	46·4	45·1	45·1	46·7	46·5	20
21	36·3	36·3	36·0	36·0	35·9	36·0	35·0	35·0	35·3	35·3	35·1	35·1	34·0	34·0	33·7	33·7	35·6	35·3	36·4	36·0	37·1	36·5	38·0	37·5	21
22	35·9	35·1	35·1	35·0	35·7	35·7	35·4	35·4	35·1	35·1	34·9	34·4	40·9	37·4	42·0	33·7	42·1	32·5	42·5	37·0	44·3	39·2	45·2	36·9	22
23	41·0	37·5	40·1	39·0	39·8	37·9	39·4	39·3	39·5	39·4	41·0	40·9	42·3	42·1	43·1	43·0	44·0	43·9	44·4	44·2	45·0	44·9	44·0	43·9	23
24	45·7	45·7	45·8	45·8	45·9	45·9	45·4	45·3	43·1	43·0	41·5	41·4	41·2	41·1	41·9	41·8	41·8	41·7	42·0	41·9	42·4	42·3	42·9	42·7	24
25	39·9	39·9	40·7	40·7	41·0	41·0	40·4	40·4	40·9	40·9	40·6	40·6	40·5	40·5	40·4	40·4	40·3	40·3	40·3	40·2	39·3	39·2	39·2	39·2	25
26	43·7	43·4	43·3	43·2	41·9	41·9	39·0	39·0	37·6	37·6	38·0	38·0	37·3	37·3	37·3	37·3	37·4	37·4	37·5	37·5	39·0	39·0	39·9	39·9	26
27	35·5	35·5	35·0	35·0	35·2	35·2	36·0	36·0	35·2	35·2	35·2	35·2	35·5	35·5	35·3	35·3	35·1	35·1	35·7	35·8	35·9	35·9	37·3	37·5	27
28	40·0	40·0	41·2	41·0	43·2	43·1	47·1	47·1	47·1	47·1	47·0	46·9	47·0	46·8	47·9	47·8	47·4	47·3	46·4	46·3	45·5	45·4	46·1	45·6	28
29	42·0	42·0	42·0	42·0	42·0	42·0	41·9	41·9	42·0	42·0	41·9	41·8	41·5	41·4	41·6	41·5	42·9	42·7	43·3	43·1	43·0	43·0	43·3	43·2	29
30	47·1	47·1	46·3	46·2	45·2	45·2	44·8	44·7	43·4	43·4	44·3	44·3	45·5	45·5	46·7	46·4	46·9	46·8	46·0	46·0	47·5	47·3	49·0	48·9	30
31	50·1	50·1	50·0	49·9	49·7	49·4	49·3	49·1	49·9	49·6	49·3	49·1	47·3	47·1	45·5	45·5	45·3	45·3	44·8	44·5	43·4	43·2	43·1	43·0	31
Means.	39·1	38·4	38·8	38·4	38·7	38·5	38·5	38·2	38·4	38·1	38·4	37·9	38·9	38·2	39·2	38·4	39·6	38·9	39·8	39·2	40·3	39·6	40·9	40·1	Means.

AUGUST 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	32·5	32·5	32·6	32·6	33·0	33·0	33·1	33·1	33·0	33·0	32·1	32·1	32·6	32·6	32·9	32·9	32·8	32·8	32·3	32·3	32·2	32·2	32·0	32·0	32·0	32·0	1
2	32·9	32·9	33·3	33·3	33·0	33·0	32·8	32·8	32·2	32·2	32·1	32·1	31·7	32·1	31·0	31·4	30·2	30·3	29·6	29·6	29·3	29·3	29·0	29·0	31·5	31·5	2
3	35·1	35·0	36·0	35·8	36·0	35·8	37·0	36·7	36·1	36·0	36·1	36·0	36·0	36·0	35·1	35·0	35·0	35·0	34·7	34·3	34·4	34·4	34·1	34·1	33·1	33·0	3
4	39·8	38·2	39·9	38·1	39·0	38·0	39·9	38·1	40·9	38·9	39·9	38·1	39·0	38·1	38·2	38·0	38·0	38·0	37·7	37·7	37·8	37·8	38·0	38·0	36·9	36·2	4
5	42·1	42·0	42·9	42·8	44·2	44·2	44·6	44·4	45·2	45·2	46·1	46·1	45·9	45·9	45·4	45·4	46·1	46·1	46·1	46·1	47·0	47·0	45·7	45·6	42·1	42·0	5
6	45·0	44·9	47·1	47·1	43·7	42·8	44·3	44·1	43·2	42·1	42·6	42·1	41·8	39·2	45·2	38·2	45·6	39·0	45·6	35·0	42·9	36·4	42·0	36·9	43·7	41·0	6
7	39·9	39·9	41·0	40·9	41·4	41·3	41·0	41·0	40·4	40·4	40·1	40·0	39·7	39·7	39·2	39·2	39·8	39·8	40·0	40·0	40·1	40·1	39·3	39·3	41·3	41·1	7
8	39·0	39·0	39·2	39·2	39·7	39·7	39·0	39·0	39·3	39·2	39·9	39·9	39 0	39·0	38·4	38·4	38·0	38·0	38·0	38·0	37·9	37·9	38·3	38·2	38·9	38·9	8
9	38·1	38·1	37·0	37·0	37·3	37·3	37·9	37·9	37·5	37·5	37·0	37·0	36·9	36·9	35·8	35·8	35·3	35·3	35·4	35·4	35·8	35·8	35·8	35·9	36·5	36·5	9
10	39·3	39·0	39·2	39·1	38·2	38·2	38·4	38·4	37·9	37·9	37·1	37·1	36·4	36·4	36·0	36·0	35·9	35·9	36·0	36·0	35·3	35·3	34·0	34·0	36·7	36·6	10
11	34·8	34·8	35·4	35·4	35·9	35·9	35·6	35·6	35·3	35·3	35·3	35·3	35·0	35·0	35·0	35·0	34·6	34·6	35·1	35·1	35·1	35·1	35·1	35·1	34·0	34·0	11
12	36·9	36·9	37·2	37·2	38·1	38·1	39·8	39·8	39·0	39·0	39·6	39·6	39·5	39·5	39·5	39·5	39·0	39·0	38·9	38·9	39·0	39·0	39·0	39·0	36·8	36·8	12
13	43·1	43·0	42·1	42·0	43·0	43·0	43·0	42·9	41·3	41·2	41·5	41·4	40·5	40·3	39·0	38·9	37·8	37·8	37·1	37·1	36·6	36·6	36·2	36·2	39·9	39·8	13
14	39·0	37·1	39·4	37·9	41·4	38·9	42·0	39·1	40·3	38·8	39·0	38·1	38·0	37·6	36·7	36·5	36·3	36·2	35·4	35·4	35·0	33·0	35·0	34·0	36·0	35·3	14
15	46·4	46·3	46·5	46·4	47·8	47·6	47·9	47·8	46·5	46·3	45·7	45·7	45·1	45·1	45·5	45·5	45·9	45·9	45·9	45·9	43·9	43·8	42·9	42·9	42 6	42·4	15
16	40·3	40·2	41·0	41·0	40·9	40·9	41·3	41·3	41·4	41·3	41·7	41·6	41·8	41·7	41·9	41·9	41·3	41·3	40·9	40·9	40·6	40·6	40·6	40·6	40·7	40·7	16
17	37·8	37·9	38·3	38·2	38·8	38·4	38·0	37·7	38·5	38·4	38·6	38·2	39·0	38·9	37·6	37·1	37·4	37·0	37·2	37·0	38·9	34·7	37·6	36·2	38·1	37·8	17
18	49·7	49·5	50·4	50·2	50·0	50·0	51·0	50·9	49·5	49·2	48·1	48·0	46·9	46·7	49·2	49·1	48·9	48·9	50·0	50·0	47·0	46·9	47·1	47·1	45·9	45·3	18
19	50·3	44·1	50·9	39·1	52·0	40·2	50·7	41·4	49·9	40·7	47·5	39·9	47·4	38·9	45·7	40·0	45·0	38·4	45·0	35·7	45·4	35·0	44·9	38·9	46·9	39·5	19
20	46·9	46·8	45·5	45·5	45·4	45·4	45·0	45·0	46·7	46·7	45·8	45·8	40·0	40·0	39·4	39·4	39·2	39·1	38·6	38·6	38·2	38·2	37·3	37·3	44·4	43·8	20
21	38·1	37·9	38·8	38·4	38·7	38·0	39·0	38·3	37·8	37·4	36·7	36·6	36·5	36·3	36·0	36·0	35·6	35·5	35·6	35·3	35·4	35·4	35·8	34·8	36·3	36·1	21
22	46·1	38·3	47·8	38·6	48·2	40·2	47·7	37·0	47·1	38·9	46·3	36·7	45·4	36·4	44·4	36·4	44·0	34·3	43·3	36·0	42·0	37·9	41·1	37·1	42·2	36·5	22
23	44·1	44·0	44·8	44·5	45·0	44·8	45·1	45·0	45·5	45·4	45·7	45·6	45·9	45·8	46·0	46·0	46·0	46·0	46·0	45·9	46·0	45·9	45·9	45·9	43·7	43·4	23
24	43·3	43·2	42·4	42·4	42·0	42·0	42·0	42·0	42·4	42·3	42·1	42·0	41 2	41·2	41·4	41·4	41·9	41·9	42·0	42·0	41·4	41·4	40·6	40·6	42·6	42·5	24
25	39·6	39·6	39·6	39·5	38·0	38·0	39·0	39·0	39·3	39·3	39·0	39·0	40·0	40·0	40·3	40·2	41·7	41·7	43·0	42·9	44·1	44·0	43·6	43·4	40·4	40·4	25
26	41·2	41·2	42·8	42·5	43·8	43·7	44·0	43·9	43·5	43·4	40·9	40·8	39·0	39·0	38·6	38·5	37·2	37·2	36·4	36·4	35·0	35·0	35·0	35·0	39·6	39·5	26
27	37·5	37·4	38·4	38·4	38·7	38·7	38·0	38·0	37·7	37·6	37·0	36·3	36·9	35·0	38·7	33·6	38·4	35·1	39·4	36·1	39·1	38·1	39·4	36·0	36·9	36·1	27
28	46·6	46·4	47·0	47·1	47·4	47·5	47·8	47·5	47·6	47·5	47·2	47·1	47·0	46·9	46·8	46·6	46·0	46·0	44·6	44·5	42·9	42·8	42·0	42·0	45·8	45·7	28
29	44·0	44·0	44·1	44·0	44·7	44·6	45·2	45·1	45·4	45·4	45·4	45·4	46·0	46·0	46·9	46·9	47·0	47·0	47·4	47·2	47·4	47·3	47·1	47·1	44·1	44·0	29
30	49·6	49·4	49·2	49·1	48·9	48·7	49·1	49·0	49·5	49·4	50·0	49·9	50·9	50·7	51·0	51·0	50·7	50·4	49·8	49·5	49·8	49·5	50·1	50·1	48·0	47·9	30
31	41·9	41·8	42·0	42·0	42·7	42·5	42·9	42·8	42·5	42·4	42·4	42·2	42·2	42·1	42·3	42·2	41·9	41·9	41·8	41·8	41·8	41·8	41·9	41·9	44·8	44·6	31
Means.	41·3	40·7	41·7	40·8	41·8	41·0	42·0	41·1	41·7	40·9	41·2	40·5	40·7	40·0	40·6	39·7	40·4	39·5	40·3	39·2	39·9	39·0	39·6	38·8	40·1	39·4	Means.

SEPTEMBER 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	41·9	41·9	41·8	41·8	41·0	41·0	40·0	40·0	40·3	40·2	40·3	40·2	40·0	40·0	39·1	39·0	38·4	38·3	38·5	38·4	38·3	38·2	38·2	38·1	1
2	36·0	36·0	35·4	35·4	34·4	34·4	35·2	35·2	34·1	34·1	33·9	33·9	34·0	34·0	34·0	34·0	34·7	34·7	35·5	35·5	35·9	35·8	36·6	36·4	2
3	35·8	35·8	35·8	35·5	35·3	35·0	35·4	35·4	35·3	35·2	35·5	35·3	36·0	35·9	37·2	36·7	38·2	38·0	39·5	37·8	40·5	38·8	42·0	39·9	3
4	43·3	36·9	42·1	36·3	41·2	36·1	40·9	36·5	40·5	36·2	41·7	36·5	42·7	37·2	45·2	38·4	49·7	40·5	50·6	41·7	51·9	43·9	54·7	47·0	4
5	51·9	49·0	49·0	48·6	48·3	48·0	48·4	48·1	48·5	48·1	48·3	48·1	48·6	48·4	49·0	48·9	49·7	49·4	48·7	48·5	46·7	46·5	48·3	48·1	5
6	45·0	45·0	44·7	44·7	44·0	44·0	42·5	42·5	42·0	42·0	41·5	41·4	41·9	41·8	41·8	41·7	41·0	40·9	40·2	40·1	40·1	40·1	41·0	40·9	6
7	35·1	35·1	33·3	33·3	33·9	34·0	32·9	32·9	32·4	31·9	32·1	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·0	32·3	32·1	32·5	32·3	7
8	42·1	42·1	40·1	40·1	41·1	41·0	41·2	41·2	41·3	41·3	41·3	41·3	42·0	41·9	41·9	41·8	42·0	41·9	42·2	42·2	38·2	38·2	39·9	39·9	8
9	33·6	33·6	33·0	33·0	33·3	33·3	32·1	32·1	33·5	33·5	33·1	33·2	33·0	33·0	34·1	34·1	35·2	35·2	36·2	36·2	37·6	37·5	38·5	38·5	9
10	33·1	33·1	32·4	32·6	32·1	32·1	31·9	31·9	31·3	31·3	31·9	31·9	31·8	31·8	31·8	31·8	31·9	31·9	32·0	32·0	32·1	32·0	32·6	32·4	10
11	35·9	35·9	35·3	35·3	35·0	35·0	34·9	34·9	35·0	34·9	35·0	35·0	36·0	36·0	38·0	38·0	39·8	39·7	41·0	41·0	42·5	42·4	44·0	43·8	11
12	39·9	39·9	39·9	39·9	40·0	40·0	40·2	40·2	39·4	39·3	39·4	39·4	38·8	38·7	38·3	38·3	38·2	38·2	38·8	38·7	39·0	39·0	39·9	39·8	12
13	33·9	33·9	33·9	33·1	34·2	34·0	34·5	34·0	35·0	33·8	35·0	33·5	35·5	33·6	35·6	33·9	35·3	34·2	35·0	34·3	35·0	34·8	34·8	34·5	13
14	36·8	37·0	36·7	36·7	36·0	36·1	35·4	35·4	34·2	34·2	33·9	33·9	34·5	34·5	35·0	35·0	34·3	34·3	33·0	33·0	33·4	33·4	33·9	33·9	14
15	29·0	28·3	29·0	28·0	28·8	28·8	28·2	28·1	28·3	28·3	28·3	28·3	28·3	28·3	28·8	28·8	29·5	29·5	30·8	30·8	32·0	32·0	33·3	32·1	15
16	31·0	30·0	31·0	29·2	31·8	28·2	30·9	28·0	31·0	27·9	32·5	27·3	33·3	28·2	34·0	29·9	35·3	31·0	36·8	32·4	37·8	34·4	39·1	32·8	16
17	32·0	32·0	31·3	32·0	31·3	31·4	35·2	29·0	37·8	30·3	38·9	32·3	40·4	33·3	41·4	33·0	44·4	33·7	41·9	34·7	38·4	36·0	39·0	36·1	17
18	32·0	32·0	34·0	32·0	33·0	32·0	32·0	32·0	31·5	31·5	31·5	31·5	32·0	32·0	32·4	32·4	32·5	32·5	33·8	33·8	34·5	34·5	34·3	34·3	18
19	30·9	30·9	30·1	30·1	30·2	30·2	30·3	30·3	31·5	31·0	31·7	31·5	33·5	32·0	34·0	32·9	35·0	33·0	36·3	34·3	38·0	35·9	40·0	37·5	19
20	34·0	34·0	34·9	34·9	33·0	33·0	33·0	33·0	33·4	33·3	32·7	32·7	32·5	32·5	32·8	32·7	33·0	32·9	33·4	33·4	34·0	33·5	33·7	33·2	20
21	31·4	31·4	31·9	31·9	30·1	30·1	29·1	29·1	27·5	27·5	28·0	28·0	27·1	27·0	37·3	27·3	28·0	28·0	27·3	27·3	28·0	28·0	28·7	28·7	21
22	29·8	29·8	29·4	29·4	29·0	29·0	28·2	28·2	28·0	28·0	27·5	27·5	27·7	27·7	27·5	27·5	27·6	27·6	28·3	28·3	29·0	29·0	29·8	29·8	22
23	27·1	27·1	26·6	26·7	27·0	27·0	28·0	28·0	29·0	29·0	30·0	30·0	30·3	30·3	30·9	30·9	31·6	31·6	31·8	31·8	31·7	31·7	32·2	32·0	23
24	30·7	30·7	30·3	30·3	30·0	30·0	30·3	30·3	30·1	30·1	30·3	30·3	29·2	29·2	30·0	30·0	30·2	30·2	30·6	30·6	31·0	31·0	31·3	31·3	24
25	30·2	30·2	31·0	31·0	31·0	31·0	31·0	31·0	31·6	31·6	31·8	31·8	31·3	31·4	31·3	31·3	31·3	31·3	31·3	31·3	31·5	31·5	32·2	32·0	25
26	35·9	35·9	36·0	36·0	36·5	36·4	36·6	36·6	35·7	35·7	34·7	34·7	34·7	34·7	34·0	34·0	34·2	34·2	34·9	34·9	35·0	35·0	35·2	35·2	26
27	35·9	36·0	37·9	37·9	39·9	40·0	41·7	41·7	43·0	43·1	43·0	43·1	42·0	42·1	39·0	39·1	37·2	37·3	36·2	36·2	34·4	34·4	33·3	33·3	27
28	32·2	32·2	32·2	32·2	32·0	32·0	31·9	32·0	31·9	31·9	31·5	31·5	30·6	30·6	31·7	31·7	31·8	31·8	32·1	32·1	32·1	32·1	32·6	32·2	28
29	32·1	32·1	32·4	32·4	32·2	32·2	32·2	32·3	32·2	32·2	32·2	32·2	33·3	32·9	33·4	33·4	32·7	32·7	33·6	33·6	37·2	37·2	40·1	40·1	29
30	45·3	45·3	45·0	45·1	45·3	45·3	45·8	45·8	45·7	45·7	45·6	45·6	46·1	46·1	47·0	47·0	47·4	47·3	47·9	47·8	47·9	47·8	48·0	48·0	30
31																									31
Means.	35·5	35·1	35·2	34·8	35·0	34·7	35·0	34·5	35·0	34·4	35·1	34·5	35·3	34·6	35·6	34·8	36·1	35·5	36·3	35·5	36·5	35·9	37·3	36·5	Means.

SEPTEMBER 1886.

TEMPERATURE—DRY AND WET BULBS.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	37·5	37·5	37·1	37·1	38·2	38·2	38·1	38·1	37·3	37·3	37·5	37·5	37·4	37·4	37·2	37·2	37·2	37·2	37·0	37·0	36·8	36·8	36·0	36·0	38·5	38·5	1
2	36·9	36·5	38·5	38·2	38·0	37·1	38·0	38·0	38·4	38·3	37·8	37·4	37·0	36·8	35·9	35·8	36·0	35·8	36·0	36·0	36·0	35·9	35·8	35·6	36·0	35·9	2
3	42·3	38·9	43·3	39·2	44·1	39·9	43·3	39·9	43·1	38·6	42·5	36·5	43·0	35·4	43·4	36·0	44·0	36·9	44·0	37·2	43·6	37·0	43·9	37·0	40·3	37·2	3
4	55·0	47·7	55·2	48·1	55·7	49·1	55·8	50·0	54·9	50·0	53·2	50·1	52·3	49·1	52·0	49·1	52·9	49·4	53·0	49·0	53·1	49·1	52·1	49·1	49·6	44·0	4
5	49·1	49·1	49·0	49·0	49·2	49·2	49·0	49·0	48·2	48·1	47·9	47·9	47·9	47·8	47·9	47·9	46·8	46·8	46·4	46·3	45·9	45·9	45·2	45·2	48·2	48·0	5
6	41·6	41·5	42·0	42·0	42·0	42·0	42·0	42·0	41·7	41·6	41·6	41·5	41·9	41·8	43·0	42·9	43·1	43·0	43·0	43·0	41·9	41·9	35·4	35·4	41·9	41·8	6
7	35·3	35·3	37·8	37·8	36·5	36·5	35·1	35·1	34·5	34·5	34·4	34·4	35·2	35·2	37·0	37·0	39·9	40·0	41·8	41·8	41·8	41·8	41·8	41·8	35·2	35·1	7
8	38·4	38·4	37·4	37·4	37·1	37·1	36·2	36·2	36·5	36·5	36·3	36·3	35·0	35·0	34·0	34·0	34·7	34·8	33·6	33·6	33·8	33·9	33·2	33·2	38·3	38·3	8
9	41·0	41·0	43·2	43·2	43·0	42·9	38·0	38·0	36·4	36·4	36·2	36·2	35·0	35·0	35·2	35·2	35·1	35·1	34·8	34·8	33·3	33·4	33·3	33·3	35·7	35·7	9
10	33·6	33·6	33·0	33·1	33·3	33·3	32·6	32·6	33·8	33·9	34·0	34·0	34·4	34·5	35·0	35·0	35·0	35·0	35·3	35·3	35·1	35·1	35·1	35·1	33·1	33·1	10
11	45·5	45·4	47·0	47·0	47·9	47·9	48·0	48·0	48·0	48·0	46·5	46·4	42·8	42·6	41·8	41·8	41·5	41·5	40·7	40·7	39·9	40·0	40·1	40·1	40·9	40·9	11
12	40·2	40·2	40·0	40·0	39·3	39·3	38·9	38·9	37·7	37·7	37·0	37·0	37·0	37·0	36·0	36·0	35·0	35·0	35·4	35·4	35·2	35·2	34·2	34·2	38·2	38·2	12
13	35·4	35·4	35·2	35·2	35·4	35·4	36·4	36·5	36·5	36·5	37·0	37·0	37·2	37·2	38·9	38·9	39·1	39·1	39·1	39·1	38·6	38·6	38·1	38·1	36·0	35·6	13
14	34·0	34·0	33·5	33·5	34·2	34·2	34·1	34·1	34·1	34·1	34·2	34·2	32·0	31·9	32·1	32·1	31·3	31·3	30·3	30·3	30·1	30·0	29·2	29·0	33·6	33·6	14
15	33·7	32·5	35·4	34·8	36·1	35·0	36·5	35·1	36·0	35·0	34·8	34·3	33·7	33·3	33·1	33·0	32·0	32·0	31·9	31·9	32·8	32·0	31·1	31·2	31·7	31·3	15
16	39·4	33·3	39·2	35·8	39·1	35·0	39·0	35·8	37·9	34·4	36·0	34·0	36·2	32·0	34·5	32·8	33·8	31·8	33·0	32·2	32·2	32·1	32·0	32·0	34·9	31·7	16
17	40·5	36·8	41·3	38·3	42·2	39·0	41·0	38·7	40·1	38·2	37·8	37·0	37·4	32·6	35·1	35·0	34·3	34·3	33·7	33·7	32·9	32·9	32·9	32·9	37·6	34·3	17
18	35·1	34·9	35·6	35·0	36·3	35·7	35·2	34·9	34·5	34·0	33·6	33·3	32·8	32·7	32·5	32·5	32·2	32·1	31·9	31·9	31·9	31·9	31·0	31·0	33·2	32·9	18
19	39·5	37·5	38·9	37·4	38·8	37·3	38·8	37·9	38·0	37·4	37·2	36·6	36·4	35·6	35·9	35·7	35·0	35·0	34·8	34·8	34·3	34·3	34·3	34·1	35·1	34·3	19
20	34·0	33·3	34·6	33·9	33·4	32·5	32·7	32·6	32·5	32·5	32·0	32·1	32·4	32·4	31·0	31·0	31·3	32·0	31·9	31·9	31·7	31·7	31·2	31·2	32·9	32·8	20
21	30·0	30·0	31·1	31·1	31·3	31·3	30·7	30·7	30·2	30·2	29·5	29·5	30·0	30·0	29·3	29·3	28·9	28·9	29·1	29·1	29·1	29·1	28·9	28·9	29·3	29·3	21
22	29·8	29·8	30·8	30·8	31·0	31·0	31·4	32·0	31·2	31·2	30·5	30·6	29·8	30·0	29·2	29·2	28·7	28·7	28·2	28·2	27·9	27·9	27·9	27·9	29·1	29·1	22
23	32·1	32·0	32·2	32·2	32·3	32·3	32·4	32·2	32·4	32·2	32·3	32·3	32·0	32·1	32·2	32·2	32·0	32·0	31·4	32·0	31·0	31·0	30·2	30·2	30·8	30·8	23
24	31·9	31·8	31·9	31·9	31·8	31·8	31·9	31·9	31·8	31·8	31·4	31·5	31·0	31·0	30·7	30·7	30·8	30·8	30·7	30·7	30·8	30·8	30·2	30·2	30·8	30·8	24
25	32·7	32·2	33·0	33·0	33·9	33·9	34·1	34·1	34·8	34·8	34·7	34·7	34·9	34·9	36·0	36·0	36·8	36·8	36·9	36·9	36·8	36·8	36·8	36·8	33·2	33·2	25
26	35·1	35·1	35·9	35·9	35·8	35·8	35·3	35·3	34·7	34·7	32·2	32·1	33·2	33·2	33·9	33·9	33·7	33·6	34·0	34·0	35·2	35·1	35·9	35·9	34·9	34·9	26
27	32·9	32·9	33·9	33·8	32·8	32·8	32·6	32·4	32·6	32·6	32·2	32·2	32·2	32·2	32·1	32·1	32·0	32·0	32·2	32·2	32·4	32·4	32·9	32·9	35·6	35·6	27
28	32·3	32·2	32·5	32·5	32·3	32·2	32·4	32·4	32·7	32·7	32·8	32·3	32·2	32·2	32·5	32·6	33·0	33·0	33·1	33·1	33·1	33·0	32·9	32·9	32·2	32·2	28
29	41·9	42·0	43·8	43·8	44·4	44·4	44·7	44·7	44·6	44·6	44·4	44·4	45·0	45·0	45·3	45·3	45·8	45·8	45·9	45·9	45·5	45·4	45·1	45·1	39·2	39·2	29
30	48·7	48·7	48·0	48·0	48·0	48·0	47·3	47·2	47·1	47·1	46·3	46·3	46·0	46·0	46·2	46·3	45·9	46·0	45·4	45·4	43·2	43·2	41·1	41·2	46·3	46·3	30
31																											31
MEANS.	37·8	37·0	38·3	37·6	38·4	37·7	38·0	37·5	37·7	37·2	37·1	36·7	36·8	36·1	36·6	36·2	36·6	36·2	36·5	36·1	36·2	35·8	35·6	35·2	36·4	35·8	MEANS.

OCTOBER 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	40·3	40·2	37·9	38·0	36·8	36·8	36·1	36·1	35·5	35·5	35·0	35·0	35·0	35·0	34·7	34·7	34·5	34·5	33·9	33·6	34·6	34·4	34·8	34·3	1
2	33·2	33·2	32·9	32·9	32·6	32·6	32·2	32·2	32·2	32·2	32·1	32·1	32·0	32·0	32·2	32·2	32·8	32·2	33·0	33·0	34·0	34·0	34·0	34·0	2
3	37·5	37·5	37·5	37·5	37·8	37·9	38·2	38·2	37·3	37·3	37·2	37·2	38·0	38·1	38·2	38·3	38·3	38·3	38·9	39·0	39·0	39·0	39·3	39·3	3
4	40·1	40·1	40·2	40·2	39·9	39·9	39·3	39·3	39·0	39·0	38·4	38·4	37·9	37·2	38·0	38·0	39·5	39·5	41·6	41·6	43·0	43·0	43·8	43·8	4
5	45·9	46·0	45·4	45·4	46·2	46·2	47·3	47·3	47·1	47·1	45·7	45·7	46·0	46·0	46·8	46·8	47·0	47·0	46·5	46·5	46·8	46·8	47·3	47·2	5
6	46·9	46·9	46·1	46·1	47·6	47·7	47·8	47·8	47·1	47·1	46·1	46·1	46·0	46·0	45·7	45·7	45·2	45·3	45·2	45·2	45·6	45·6	46·8	46·8	6
7	44·8	44·8	43·8	43·9	43·8	43·8	43·5	43·5	43·4	43·4	43·3	43·3	42·7	42·7	41·0	41·0	39·4	39·4	38·9	38·9	38·8	38·8	39·8	39·8	7
8	40·6	40·6	40·6	40·6	40·3	40·3	40·4	40·4	40·7	40·7	40·1	40·1	40·2	40·2	39·9	39·9	40·2	40·2	40·1	40·1	40·3	40·3	40·1	40·1	8
9	37·9	37·9	38·2	38·2	37·8	37·8	37·2	37·2	36·8	36·8	35·8	35·8	35·1	35·1	35·2	35·2	35·3	35·3	36·1	36·1	36·0	36·0	36·1	36·0	9
10	35·8	35·8	35·2	35·1	34·3	34·3	33·9	33·9	32·3	32·3	32·3	32·3	32·1	32·1	31·3	31·7	29·8	29·8	30·4	30·4	31·2	31·2	30·7	30·7	10
11	30·0	30·0	30·0	30·0	30·2	30·1	30·1	30·1	29·9	29·9	30·2	30·2	30·1	30·1	30·6	30·6	30·7	30·7	31·0	31·0	30·7	30·7	31·1	31·1	11
12	35·1	35·1	35·1	35·1	35·0	35·0	35·3	35·3	36·1	36·1	38·0	38·1	37·2	37·2	35·9	35·9	35·0	35·0	35·0	35·0	34·8	34·8	33·8	33·8	12
13	31·0	31·0	31·0	31·0	31·2	31·2	31·2	31·2	31·6	31·6	31·3	31·3	31·5	31·5	30·7	30·7	31·9	31·9	32·0	32·0	31·8	31·8	31·3	31·3	13
14	32·1	32·1	32·1	32·1	32·1	32·1	32·0	32·0	31·9	31·9	31·7	31·7	31·6	31·6	31·9	31·9	32·0	32·0	32·1	32·1	32·1	32·1	32·0	32·0	14
15	31·1	31·1	31·2	31·1	31·1	31·1	31·1	31·1	30·7	30·7	31·1	31·1	31·1	31·1	31·8	31·8	31·9	31·9	32·1	32·1	32·2	32·2	33·0	33·0	15
16	35·0	35·0	35·0	35·0	35·2	35·2	36·0	36·0	35·9	35·9	36·0	36·0	36·2	36·2	36·6	36·6	36·9	36·9	37·0	37·0	37·0	37·0	36·9	36·9	16
17	32·2	32·2	33·0	33·0	34·1	34·1	33·1	33·1	33·0	33·0	33·2	33·2	33·7	33·7	34·0	34·0	34·1	34·1	33·8	33·8	32·9	32·9	33·4	33·4	17
18	31·1	31·1	31·1	31·1	30·2	30·2	30·0	30·0	29·7	29·7	28·4	28·4	29·2	29·2	30·0	30·0	29·8	29·8	29·9	29·9	30·0	30·0	30·1	30·1	18
19	31·0	31·1	31·1	31·1	31·3	31·3	31·1	31·1	31·0	31·0	31·0	31·0	30·7	30·7	30·8	30·8	30·9	30·9	31·0	31·0	31·0	31·0	31·1	31·1	19
20	31·2	31·2	31·8	31·8	32·3	32·2	32·5	32·2	32·8	32·9	32·2	32·2	32·2	32·2	33·2	33·2	33·8	33·8	34·7	34·7	34·5	34·6	34·8	34·8	20
21	32·8	32·5	32·1	32·1	32·1	32·1	32·0	32·1	32·0	32·0	32·0	32·0	31·8	31·8	31·6	31·6	32·1	32·1	32·4	32·2	32·9	32·3	33·0	33·0	21
22	31·2	31·1	31·3	31·3	31·2	31·2	31·1	31·1	31·1	31·1	30·9	30·9	30·0	30·0	29·7	29·7	30·2	30·2	30·3	30·3	31·7	31·7	31·3	31·3	22
23	28·9	28·9	29·0	29·0	29·7	29·8	28·9	28·9	29·0	29·0	27·3	27·2	27·8	27·0	28·3	27·8	30·3	30·0	31·7	31·3	31·9	31·4	32·2	32·0	23
24	31·8	31·8	32·0	32·0	32·0	32·0	32·2	32·1	32·2	32·2	31·8	31·8	31·8	31·8	32·2	32·0	32·6	32·2	32·8	32·8	33·8	33·8	34·0	34·0	24
25	29·1	29·1	29·0	29·0	29·1	29·1	29·0	29·0	28·7	28·7	28·6	28·6	28·3	28·3	28·3	28·3	29·0	29·0	29·8	29·8	30·0	30·0	30·1	30·1	25
26	27·6	27·6	27·9	27·9	28·0	28·0	28·2	28·2	28·3	28·3	28·5	28·5	28·9	28·9	29·2	29·2	29·0	29·0	29·2	29·2	30·1	30·1	30·1	30·1	26
27	27·9	27·9	27·4	27·4	27·9	28·0	29·1	29·1	28·3	28·3	27·9	27·9	28·0	28·0	27·9	27·9	27·7	27·7	28·7	28·7	29·7	29·7	29·0	29·0	27
28	32·0	32·0	32·1	32·1	31·9	32·0	31·1	31·1	31·1	31·1	30·7	30·7	31·0	31·0	31·7	31·7	32·1	32·1	32·1	32·0	32·2	32·2	33·8	32·9	28
29	36·2	36·2	36·0	36·0	37·0	37·0	35·9	35·9	35·9	35·9	35·2	35·2	35·9	35·9	36·3	36·3	36·1	36·1	37·0	37·0	37·0	37·0	37·4	37·4	29
30	35·5	35·5	35·1	35·1	35·9	35·9	36·0	36·0	34·9	34·9	34·7	34·7	34·8	34·8	35·0	35·0	35·3	35·3	35·9	35·9	36·1	36·1	37·1	37·1	30
31	37·8	37·8	37·4	37·4	37·3	37·3	37·1	37·1	37·4	37·4	38·0	38·0	38·4	38·4	37·9	37·9	36·2	36·2	35·0	35·0	35·0	35·0	34·3	34·3	31
Means.	34·6	34·6	34·5	34·5	34·6	34·6	34·5	34·5	34·3	34·3	34·0	34·0	34·0	34·0	34·1	34·1	34·2	34·1	34·5	34·4	34·7	34·7	34·9	34·9	Means.

OCTOBER 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	34·4	34·0	34·8	34·0	34·9	34·2	34·3	33·8	33·9	33·2	33·7	33·6	33·2	33·1	33·8	33·6	33·8	33·8	34·0	34·0	33·9	33·9	34·0	34·0	34·9	34·7	1
2	34·8	34·8	35·1	35·1	35·0	35·0	34·4	34·3	34·1	34·1	34·0	34·0	33·9	33·9	34·6	34·3	35·3	35·3	36·9	36·9	37·9	38·0	37·3	37·3	34·0	34·0	2
3	39·5	39·5	39·7	39·7	39·8	39·8	39·9	39·9	39·5	39·5	39·8	39·8	40·0	40·0	40·1	40·1	40·1	40·1	40·3	40·3	40·8	40·9	40·4	40·3	39·0	39·1	3
4	45·1	45·1	44·8	44·8	45·0	45·1	45·3	45·3	45·3	45·3	45·0	45·0	43·7	43·7	43·9	44·0	44·9	45·0	45·8	46·0	45·7	45·7	45·8	46·0	42·5	42·5	4
5	47·3	47·3	47·9	47·9	48·1	48·1	48·0	47·9	47·9	47·9	47·8	47·8	47·1	47·1	45·8	45·8	45·8	45·9	45·3	45·3	45·3	45·3	45·1	45·1	46·6	46·6	5
6	46·2	46·2	46·1	46·1	46·0	46·0	45·4	45·4	45·3	45·3	45·6	45·6	45·1	45·1	45·0	44·9	45·8	45·4	44·9	44·9	45·2	45·2	45·2	45·2	45·9	45·9	6
7	39·7	39·7	39·8	39·9	39·4	39·4	38·8	38·8	39·3	39·3	39·1	39·1	39·7	39·7	39·9	39·9	40·1	40·1	40·2	40·2	40·5	40·5	40·9	41·0	40·9	40·9	7
8	39·9	39·9	39·4	39·4	40·0	40·0	39·3	39·3	38·7	38·7	37·3	37·1	38·2	38·2	38·1	38·1	38·2	38·2	38·1	38·1	37·4	37·3	37·0	37·0	39·4	39·4	8
9	38·8	37·4	37·0	37·0	37·4	37·4	37·8	37·8	38·2	38·2	37·9	37·9	37·8	37·9	38·0	38·0	38·1	38·1	38·3	38·4	38·7	38·7	36·8	36·9	37·2	37·1	9
10	30·4	30·4	30·8	30·8	30·6	30·6	31·1	31·2	30·6	30·6	29·9	29·9	29·9	29·9	30·2	30·2	30·5	30·6	30·2	30·2	29·9	30·0	30·1	30·1	31·4	31·4	10
11	31·3	31·3	31·4	31·4	32·0	32·0	32·9	32·5	35·2	35·2	36·2	36·2	37·0	37·0	36·0	36·0	35·2	35·2	34·8	34·8	35·1	35·1	34·9	35·0	32·4	32·3	11
12	33·2	33·2	33·1	33·1	33·2	33·2	33·0	33·0	33·0	33·0	32·1	32·1	32·1	32·1	32·1	32·1	32·1	32·1	31·1	31·1	30·6	30·6	30·9	31·0	33·9	33·9	12
13	31·9	31·9	31·8	31·8	31·8	31·8	31·2	31·2	31·0	31·0	30·8	30·8	31·0	31·0	31·2	31·2	31·1	31·1	31·9	31·8	32·0	32·0	32·1	32·1	31·4	31·4	13
14	32·0	32·0	32·1	32·1	32·2	32·2	31·9	32·0	32·0	32·0	31·9	31·9	31·9	31·9	32·3	32·3	31·8	31·8	31·0	31·0	31·0	31·0	31·1	31·1	31·9	31·9	14
15	33·3	33·3	34·1	34·0	34·9	34·9	35·2	35·2	35·1	35·1	35·2	35·2	35·3	35·3	35·5	35·4	35·8	35·8	35·7	35·7	35·8	35·8	34·9	35·0	33·3	33·3	15
16	36·8	36·8	36·9	36·9	36·8	36·8	36·8	36·8	36·6	36·6	36·5	36·5	35·8	35·8	36·0	36·0	36·0	36·0	35·2	35·2	35·0	35·0	34·0	34·0	36·1	36·1	16
17	34·0	34·0	33·8	33·8	33·2	33·2	33·2	33·0	32·9	32·9	33·3	33·3	33·2	33·2	32·9	32·9	32·7	32·7	32·2	32·3	32·1	32·1	31·3	31·3	33·1	33·1	17
18	30·1	30·1	30·6	30·6	30·9	30·9	30·4	30·4	30·0	30·0	30·4	30·4	30·4	30·4	30·4	30·4	30·1	30·1	30·3	30·3	30·1	30·1	30·5	30·5	30·2	30·2	18
19	31·0	31·0	31·3	31·3	31·2	31·2	31·0	31·0	30·8	30·8	30·8	30·8	30·6	30·6	30·6	30·6	30·6	30·6	30·1	30·1	30·2	30·2	30·6	30·6	30·9	30·9	19
20	35·0	35·0	35·2	35·2	35·7	35·7	35·5	35·5	35·4	35·4	35·3	35·3	35·3	35·3	35·4	35·4	35·0	35·0	34·2	34·2	34·0	34·0	34·1	34·1	34·0	34·0	20
21	33·0	33·0	32·8	32·8	32·8	32·8	32·1	32·1	31·9	31·9	31·0	32·0	31·2	31·2	31·2	31·2	31·6	31·6	31·3	31·3	31·0	31·0	31·0	31·0	32·0	32·0	21
22	31·7	31·7	32·2	31·9	31·8	31·0	29·7	29·0	29·0	29·0	28·1	28·1	28·2	28·2	27·9	28·0	28·0	28·0	28·1	28·1	28·5	28·5	28·2	28·2	30·1	30·0	22
23	32·2	32·1	32·2	32·2	32·0	32·0	31·9	32·0	31·7	31·9	31·8	31·2	31·9	31·7	31·7	31·0	32·0	31·3	32·0	31·2	32·3	31·7	32·1	31·9	30·8	30·5	23
24	34·0	34·0	34·6	34·6	34·9	34·9	34·1	34·1	34·0	34·0	33·2	33·2	32·3	32·3	31·8	31·8	31·0	32·0	30·0	30·0	29·6	29·6	29·4	29·4	32·4	32·4	24
25	29·8	29·8	29·6	29·6	29·3	29·3	28·9	28·9	27·3	27·3	27·1	27·1	27·7	27·7	27·8	27·8	28·1	28·1	28·2	28·2	28·1	28·1	28·0	28·0	28·7	28·7	25
26	30·1	30·1	30·3	30·3	30·4	30·4	30·1	30·1	30·0	30·0	29·8	29·8	30·0	30·0	29·1	29·1	29·0	29·0	29·0	29·0	29·3	29·3	28·7	28·7	29·2	29·2	26
27	29·2	29·2	29·0	29·0	29·4	29·4	30·1	30·1	29·8	29·8	30·3	30·3	30·7	30·7	30·8	30·8	31·0	31·0	31·9	31·9	32·1	32·0	32·0	32·0	29·4	29·4	27
28	35·0	35·0	35·2	35·2	37·3	37·0	37·6	36·0	34·8	34·8	34·8	34·8	34·6	34·6	34·2	34·2	34·2	34·1	34·1	34·1	34·1	34·1	34·2	34·2	33·4	33·3	28
29	37·9	37·9	38·1	38·1	38·6	38·5	38·0	38·0	37·0	37·0	35·0	35·0	37·8	37·8	37·3	37·2	36·3	36·3	35·9	35·9	35·9	35·9	35·8	35·9	36·6	36·6	29
30	37·8	37·8	38·0	38·0	38·1	38·1	38·3	38·3	38·0	38·0	37·2	37·2	37·0	37·0	37·2	37·2	37·2	37·2	37·6	37·6	37·9	38·0	37·9	37·9	36·6	36·6	30
31	34·0	34·0	34·1	34·1	33·7	33·7	33·0	33·0	32·3	32·3	31·7	31·8	31·9	31·9	32·0	32·0	31·7	32·0	31·9	31·9	32·1	32·1	32·1	31·7	34·7	34·7	31
Means.	35·1	35·1	35·2	35·2	35·4	35·3	35·1	35·0	34·9	34·8	34·6	34·6	34·7	34·7	34·6	34·6	34·6	34·6	34·5	34·5	34·6	34·6	34·4	34·4	34·6	34·6	Means.

NOVEMBER 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	32·0	32·0	32·6	32·1	33·1	33·1	33·3	33·4	33·3	33·3	31·9	31·9	32·1	32·1	30·3	30·3	30·8	30·8	31·7	31·7	31·6	31·6	31·2	31·2	1
2	30·3	30·3	29·5	29·5	30·1	30·1	30·0	30·0	29·9	29·9	29·9	29·9	29·9	29·9	29·2	29·2	29·4	29·4	30·0	30·0	30·8	30·8	30·3	30·3	2
3	30·5	30·5	31·0	31·0	31·3	31·3	32·2	32·0	32·7	32·7	33·6	33·1	34·2	34·2	36·0	36·0	36·6	36·8	37·0	37·0	37·5	37·5	37·6	37·6	3
4	25·4	25·4	25·4	25·4	26·8	26·8	27·2	27·2	27·1	27·1	27·1	27·1	27·0	27·0	26·9	26·9	26·9	26·9	26·7	26·7	26·9	26·9	27·0	27·0	4
5	25·3	25·3	25·1	25·1	26·0	26·0	26·0	26·0	25·7	25·7	25·0	25·0	25·2	25·2	25·2	25·2	25·2	25·2	25·9	25·9	26·0	26·0	25·8	25·8	5
6	24·5	24·5	25·3	25·3	25·0	25·0	25·1	25·0	25·0	25·0	24·7	24·7	24·0	24·0	23·8	23·8	23·1	23·1	23·8	23·8	23·0	23·0	22·7	22·7	6
7	22·1	22·1	21·9	22·0	21·7	21·7	21·5	21·5	21·3	21·3	21·0	21·0	20·6	20·6	20·6	20·6	20·9	20·9	20·9	20·9	21·0	21·0	20·4	20·4	7
8	29·2	29·2	30·3	30·3	29·3	29·3	28·9	28·9	28·0	28·0	28·3	28·3	28·8	28·8	28·9	28·9	28·2	28·2	28·9	28·9	29·0	29·0	28·8	28·8	8
9	24·1	24·1	26·0	26·0	27·4	27·4	27·7	27·7	27·9	27·9	28·0	28·0	28·3	28·3	28·4	28·4	28·8	28·8	28·8	28·8	29·0	29·0	28·8	28·8	9
10	27·0	27·0	26·4	26·4	27·2	27·2	27·1	27·1	26·2	26·2	27·1	27·1	27·0	27·0	26·3	26·3	27·0	27·0	28·0	28·0	28·2	28·2	29·0	29·0	10
11	26·5	26·5	26·2	26·2	26·1	26·1	25·4	25·4	25·3	25·3	25·0	25·0	24·9	24·9	23·9	23·9	30·1	25·0	29·0	24·1	30·0	24·1	29·8	24·2	11
12	30·1	30·1	30·1	30·1	29·3	29·3	29·0	29·0	28·9	28·9	28·4	28·4	27·9	27·9	27·8	27·8	28·0	28·0	28·4	28·4	27·3	27·3	28·0	28·1	12
13	27·2	27·2	27·8	27·9	27·2	27·2	29·2	27·0	28·0	28·0	31·1	31·1	30·1	30·1	30·2	30·2	29·2	29·2	29·0	29·0	29·0	29·0	28·3	28·3	13
14	26·0	26·0	26·1	26·1	26·2	26·1	27·2	26·9	27·0	27·1	26·7	26·8	27·1	26·9	27·9	27·9	29·0	27·0	29·3	29·2	30·0	30·0	29·9	29·9	14
15	34·3	34·3	34·1	34·1	34·2	34·2	33·0	33·0	33·4	33·4	33·4	33·4	33·2	33·2	32·9	32·9	33·9	33·9	34·3	34·3	35·0	35·0	34·8	34·8	15
16	26·2	26·3	26·1	26·1	24·2	24·2	23·9	24·0	24·0	24·0	22·8	22·8	22·0	22·0	20·8	20·9	21·7	21·9	21·9	22·0	22·0	22·0	22·3	22·3	16
17	23·5	23·5	23·9	23·9	23·3	23·3	23·5	23·6	23·1	23·1	23·3	23·3	23·2	23·2	23·0	23·0	23·2	23·2	24·1	24·1	24·3	24·3	25·1	25·1	17
18	25·3	25·3	24·3	24·3	23·4	23·3	22·3	22·3	22·5	22·3	23·2	23·2	23·6	23·6	23·2	23·2	23·6	23·6	24·7	24·7	28·0	25·2	29·8	25·2	18
19	32·9	32·2	33·3	33·5	34·3	34·3	35·9	36·0	36·5	36·4	37·0	37·0	37·6	37·6	37·9	37·9	38·1	38·1	38·1	38·1	38·3	38·3	38·6	38·6	19
20	39·0	39·0	39·4	39·4	39·2	39·2	39·0	39·0	38·2	38·2	37·0	37·0	36·8	36·8	36·3	36·3	36·0	36·0	36·3	36·3	36·7	36·7	37·2	37·2	20
21	27·7	27·7	27·0	27·0	24·1	24·1	25·9	25·9	27·2	24·0	30·0	23·2	31·3	23·9	34·0	25·0	36·4	26·3	35·0	26·0	35·0	26·2	33·3	26·0	21
22	29·9	29·2	30·9	30·9	32·0	32·0	32·9	32·2	32·4	32·2	33·1	33·0	33·0	33·0	32·9	32·9	33·1	33·1	35·7	35·7	34·1	34·1	34·5	34·5	22
23	35·0	35·0	33·7	33·9	31·1	29·0	39·9	31·1	38·2	29·2	36·7	30·9	39·0	30·0	38·1	38·0	39·2	39·2	38·8	38·8	38·4	38·4	38·0	38·0	23
24	41·8	40·2	44·9	38·1	46·0	32·9	46·0	34·9	44·8	32·3	43·8	38·0	44·2	39·1	43·9	33·3	44·7	37·0	46·0	42·8	43·2	35·0	45·2	40·8	24
25	45·1	36·2	45·5	36·2	46·9	36·1	45·0	35·8	43·9	35·2	44·0	36·6	44·1	38·2	35·2	35·2	35·3	35·0	35·8	35·8	36·0	36·0	35·9	35·9	25
26	31·7	31·8	31·9	31·8	31·3	31·3	31·0	31·0	30·8	30·8	30·7	30·7	30·6	30·6	30·6	30·6	30·4	30·4	30·3	30·3	30·2	30·2	30·3	30·3	26
27	29·0	29·0	29·3	29·3	28·5	28·5	28·3	28·3	29·0	29·0	28·3	28·3	28·6	28·6	28·0	28·0	28·0	28·0	27·4	27·4	28·1	28·1	29·0	29·0	27
28	32·9	32·6	32·8	32·9	32·6	32·6	32·0	32·0	32·0	32·0	32·0	32·0	31·2	31·2	30·2	30·2	30·1	30·1	30·0	30·0	30·0	30·0	30·2	30·2	28
29	29·1	29·1	29·7	29·7	28·2	28·3	27·3	27·3	27·1	27·1	27·0	27·0	28·2	28·2	28·0	28·0	27·9	27·9	27·3	27·3	27·8	27·8	27·0	27·0	29
30	23·1	23·1	23·1	23·1	22·9	23·0	23·5	23·5	24·0	24·0	23·6	23·6	22·7	22·8	21·7	21·7	21·0	21·0	21·1	21·1	20·9	20·9	20·6	20·6	30
31																									31
Means.	29·6	29·2	29·8	29·3	29·6	28·8	30·0	28·9	29·8	28·7	29·8	28·9	29·9	29·0	29·4	28·8	29·9	29·0	30·1	29·6	30·2	29·4	30·3	29·6	Means.

NOVEMBER 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	30·9	30·9	30·5	30·5	30·0	30·0	29·3	29·3	29·7	29·7	29·3	29·3	29·9	29·9	30·1	30·2	31·1	31·2	32·0	32·0	32·1	32·1	31·3	31·3	31·3	31·2	1
2	29·8	29·8	30·8	30·8	30·4	30·4	30·4	30·4	30·0	30·0	29·1	29·1	29·6	29·7	29·2	29·2	29·4	29·4	29·3	29·3	29·3	29·4	29·5	29·5	29·8	29·8	2
3	37·8	37·8	31·0	31·0	31·2	31·2	30·2	30·2	28·5	28·6	28·1	28·1	26·2	26·2	26·8	26·8	27·0	27·0	26·5	26·5	27·0	27·0	25·3	25·3	31·5	31·5	3
4	26·8	26·8	26·7	26·7	26·2	26·2	25·4	25·4	25·1	25·1	24·8	24·8	24·5	24·5	24·5	24·5	24·2	24·2	25·0	25·0	25·7	25·7	25·8	25·8	26·0	26·0	4
5	25·2	25·2	25·0	25·0	24·6	24·7	24·7	24·7	24·0	24·0	24·3	24·3	24·1	24·1	24·3	24·3	24·0	24·0	24·0	23·8	24·1	24·1	24·0	24·1	24·9	24·9	5
6	22·4	22·4	24·4	24·4	24·7	24·7	24·2	24·2	24·1	24·1	24·0	24·0	23·9	23·9	23·2	23·2	23·0	23·0	22·7	22·7	22·7	22·7	22·4	22·4	23·8	23·8	6
7	20·0	20·1	20·1	20·2	20·5	20·8	20·8	21·0	21·1	21·1	23·0	23·0	23·3	23·3	24·3	24·3	26·0	26·0	26·2	26·2	27·1	27·1	28·0	28·0	22·3	22·3	7
8	28·4	28·4	28·2	28·2	27·8	27·8	27·0	27·0	27·3	27·3	27·0	27·0	27·0	27·0	26·2	26·2	24·0	24·2	24·6	24·6	24·0	24·0	24·1	24·1	27·6	27·6	8
9	28·0	28·0	27·7	27·8	28·5	28·5	28·0	28·0	28·0	28·0	28·3	28·3	29·0	29·0	29·0	29·0	28·6	28·6	28·1	28·1	28·2	28·0	27·7	27·2	28·0	28·0	9
10	29·1	29·1	29·2	29·2	28·7	28·7	28·3	28·3	27·9	27·9	27·9	27·9	27·1	27·1	27·1	27·1	26·8	26·9	26·7	26·7	26·5	26·4	27·0	27·0	27·4	27·4	10
11	28·2	23·2	26·4	23·3	24·8	24·1	25·1	25·2	25·1	25·1	25·6	25·6	27·1	27·1	27·5	27·5	27·6	27·6	28·9	28·9	31·1	31·2	31·1	31·1	27·1	25·9	11
12	27·9	27·9	28·2	28·2	28·3	28·3	28·0	28·0	27·7	27·7	27·8	27·8	27·5	27·5	27·7	27·8	28·5	28·5	28·0	27·9	28·6	28·4	28·4	27·1	28·3	28·3	12
13	28·3	28·3	28·1	28·1	28·0	28·1	28·1	28·1	27·9	27·9	27·3	27·3	28·0	28·0	27·9	27·9	27·5	27·5	27·8	27·8	27·1	27·1	26·2	26·2	28·3	28·2	13
14	29·9	29·9	29·8	29·8	31·9	31·9	32·7	32·2	33·2	33·2	33·1	33·1	34·0	34·0	35·0	35·0	35·0	35·0	35·0	35·0	34·0	34·0	34·1	34·1	30·4	30·3	14
15	35·0	35·0	35·0	35·0	34·8	34·8	33·2	33·2	33·1	33·1	32·8	32·8	31·8	32·0	31·7	31·9	31·3	31·3	31·1	31·1	30·1	30·1	28·0	28·0	33·1	33·1	15
16	22·3	22·4	22·7	22·7	22·3	22·3	22·9	23·0	23·1	23·1	23·2	23·2	22·8	22·9	23·0	23·0	23·1	23·1	22·9	22·9	23·1	23·1	23·7	23·7	23·0	23·1	16
17	25·2	25·2	25·3	25·3	25·4	25·5	25·1	25·1	25·0	25·0	25·2	25·2	25·4	25·4	26·0	26·0	26·0	26·0	26·3	26·3	26·2	26·1	26·0	26·0	24·6	24·6	17
18	31·9	25·4	31·8	25·5	30·0	23·7	29·7	23·9	28·0	22·5	29·7	24·3	28·5	25·0	29·9	27·0	29·8	28·2	33·0	32·1	31·3	31·3	33·0	32·2	27·5	25·3	18
19	38·1	38·1	38·2	38·3	38·2	38·2	38·4	38·4	38·5	38·6	39·0	39·0	39·4	39·4	39·8	39·8	39·4	39·4	39·9	39·9	39·9	39·9	39·0	39·2	37·8	37·8	19
20	38·1	38·1	38·1	38·1	38·1	38·1	38·6	38·6	36·0	36·0	32·0	32·1	30·0	30·0	29·4	29·4	29·0	29·0	28·8	28·8	27·9	28·0	27·9	27·9	35·2	35·2	20
21	33·6	27·0	35·2	27·2	32·3	25·7	33·8	25·9	30·0	24·3	30·9	24·1	30·4	24·8	30·0	25·3	28·3	25·0	29·3	25·6	29·0	26·0	29·0	27·0	30·8	25·6	21
22	35·0	35·0	35·5	35·5	35·3	35·3	36·1	36·2	36·0	36·0	36·8	36·8	36·1	36·1	36·3	36·3	36·2	36·2	36·0	36·0	35·9	35·9	35·8	35·8	34·4	34·3	22
23	37·0	37·0	38·0	38·0	36·9	36·9	36·0	36·0	37·0	37·0	38·0	38·0	38·1	38·1	37·9	37·9	37·2	37·2	37·1	37·1	37·1	37·1	38·2	38·2	37·3	35·8	23
24	45·8	42·0	45·7	41·7	45·9	38·1	44·1	40·0	37·9	37·9	37·7	37·7	37·7	37·7	37·5	37·5	38·8	38·0	43·9	37·8	45·0	35·9	43·9	36·0	43·3	37·7	24
25	35·9	35·9	35·7	35·7	35·4	35·4	34·9	34·9	33·9	33·9	33·4	33·4	33·0	33·0	32·9	32·9	32·2	32·2	32·1	32·1	31·6	31·6	32·0	32·1	37·3	34·8	25
26	30·8	30·8	30·4	30·4	31·2	31·2	31·1	31·1	30·1	30·1	30·2	30·2	30·2	30·2	31·1	31·1	30·9	30·9	30·1	30·1	29·5	29·6	29·1	29·2	30·6	30·6	26
27	29·4	29·4	29·5	29·5	29·9	29·9	30·5	30·5	31·0	31·0	30·1	30·1	30·7	30·7	31·2	31·2	32·0	32·0	32·1	32·1	32·5	32·3	32·8	32·8	29·7	29·7	27
28	31·0	31·0	31·2	31·2	31·6	31·6	32·1	32·1	31·9	31·9	32·0	32·0	32·1	32·1	32·2	32·2	32·2	32·2	32·3	32·3	32·1	32·1	31·0	31·0	31·6	31·6	28
29	27·1	27·1	26·8	26·8	26·9	26·9	26·7	26·7	27·0	27·0	26·0	26·0	25·9	25·9	25·1	25·1	24·1	24·1	23·2	23·3	23·2	23·1	23·1	23·1	26·7	26·7	29
30	19·8	19·9	18·9	18·9	19·0	19·0	18·8	18·8	18·8	18·8	17·2	17·3	17·3	17·3	18·1	18·1	18·4	18·5	18·5	18·6	19·1	19·1	19·3	19·3	20·5	20·5	30
31																											31
Means.	30·3	29·6	30·1	29·4	30·0	29·3	29·8	29·2	29·2	28·9	29·1	28·7	29·0	28·7	29·2	28·9	29·1	28·9	29·4	29·0	29·4	28·9	29·2	28·8	29·7	29·1	Means.

DECEMBER 1886.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	19·2	19·2	18·3	18·5	17·0	17·0	17·0	17·0	16·8	16·8	16·6	16·6	16·4	16·4	16·9	16·9	15·8	15·9	16·3	16·3	17·1	17·1	17·7	17·7	1
2	11·2	11·2	11·3	11·3	11·2	11·2	11·1	11·2	11·1	11·1	12·0	12·0	11·8	11·8	12·5	12·5	13·3	13·3	13·7	13·7	14·0	14·0	14·2	14·2	2
3	14·9	14·9	15·0	15·0	15·2	15·2	17·6	17·6	18·0	18·0	17·3	17·3	19·1	19·1	19·6	19·6	20·4	20·4	21·1	21·1	21·8	21·8	22·1	22·1	3
4	25·9	25·9	25·2	25·2	24·3	24·3	24·1	24·1	23·4	23·4	23·0	23·0	20·1	20·1	18·9	18·9	19·1	19·1	19·8	19·8	19·4	19·4	20·1	20·1	4
5	23·0	23·0	24·1	24·1	23·3	23·3	24·2	24·2	25·3	25·3	27·0	27·0	30·0	30·0	32·0	32·0	32·0	32·0	32·1	32·1	32·2	32·2	32·2	32·2	5
6	28·5	28·4	27·2	27·1	27·1	27·1	27·0	27·0	27·3	27·3	26·1	26·1	27·2	27·2	27·1	27·1	26·0	26·0	25·0	25·0	23·9	24·0	25·1	25·1	6
7	21·5	21·6	21·1	21·1	21·1	21·1	20·3	20·3	18·3	18·3	19·0	19·0	19·0	19·0	19·1	19·1	19·5	19·6	18·8	18·8	18·9	18·9	18·6	18·7	7
8	18·2	18·3	18·3	18·3	18·1	18·1	18·2	18·2	17·9	17·9	[18·2]	[18·2]	[18·9]	[18·9]	19·8	19·7	21·1	21·2	20·1	20·1	22·2	22·2	22·8	22·8	8
9	22·1	22·1	22·3	22·3	23·1	23·1	23·0	23·0	23·1	23·1	23·0	23·0	22·9	22·9	22·6	22·6	22·5	22·5	21·9	21·9	21·1	21·1	22·0	22·0	9
10	20·1	20·1	18·1	18·2	20·0	20·0	21·1	21·1	21·2	21·2	20·7	20·7	20·1	20·1	19·4	19·5	20·6	20·7	21·0	21·0	21·8	21·8	22·2	22·2	10
11	20·8	20·9	20·7	21·0	21·7	21·9	21·0	21·0	20·5	20·5	20·4	20·4	20·8	20·9	20·1	20·1	21·1	21·1	21·0	21·0	21·1	21·1	24·3	24·3	11
12	25·4	25·4	25·1	25·1	25·0	25·0	25·2	25·2	24·8	24·7	24·2	24·2	24·0	24·0	23·4	23·5	23·1	23·1	24·1	24·1	23·4	23·4	23·1	23·1	12
13	17·1	17·1	20·0	20·0	20·2	20·2	20·0	20·0	19·9	19·9	20·0	20·0	20·5	20·5	19·0	19·0	18·4	18·6	19·2	19·2	18·9	18·7	18·4	18·1	13
14	17·0	17·0	16·3	16·3	16·1	16·0	16·1	15·3	15·5	14·2	14·4	14·0	16·1	14·0	17·2	14·7	16·1	15·0	16·1	15·9	16·5	16·9	16·2	16·2	14
15	17·4	17·1	17·3	17·3	17·7	17·7	17·6	17·6	18·1	17·6	18·0	18·0	18·7	18·1	18·1	18·1	18·9	18·9	18·9	18·9	19·2	19·2	18·9	18·9	15
16	17·9	17·9	17·6	17·7	17·9	17·9	17·3	17·3	17·4	17·4	17·1	17·1	17·3	17·3	17·0	17·0	16·2	16·2	17·0	17·0	16·1	16·2	16·5	16·5	16
17	15·1	15·1	14·3	14·3	14·3	14·3	14·2	14·2	13·4	13·6	12·7	12·8	11·9	12·1	11·3	11·8	10·6	11·0	10·3	10·8	10·4	10·8	9·3	9·9	17
18	13·1	13·0	14·1	14·1	14·4	14·4	14·4	14·4	14·4	14·4	14·4	14·4	14·5	14·5	15·1	15·1	15·1	15·1	15·2	15·2	16·4	16·4	17·0	17·0	18
19	13·5	13·6	12·1	12·1	11·5	11·8	11·3	11·7	11·5	11·8	11·4	11·4	10·9	10·9	10·1	10·2	10·1	10·2	11·1	11·1	11·6	12·0	13·6	13·8	19
20	16·1	15·3	15·1	15·0	14·9	15·0	14·7	14·7	15·0	14·8	15·1	14·6	15·1	14·0	15·2	14·1	15·4	14·0	15·1	14·4	15·3	15·1	15·4	14·4	20
21	20·0	20·0	20·0	20·0	19·5	19·5	19·7	19·7	20·1	20·1	19·8	19·8	20·0	20·0	21·1	21·1	21·9	21·9	23·0	23·0	23·5	23·5	23·9	23·9	21
22	26·1	26·1	26·0	26·0	26·0	26·0	25·7	25·7	25·5	25·5	25·3	25·3	25·1	25·1	25·0	25·0	24·8	24·8	25·0	25·0	25·1	25·1	24·5	24·7	22
23	20·9	20·9	21·0	21·0	20·2	20·2	19·6	19·9	20·1	20·1	20·1	20·1	21·2	21·2	21·0	21·0	21·2	21·2	21·9	21·9	22·2	22·2	23·0	23·0	23
24	25·2	25·2	25·2	25·2	25·0	25·0	25·0	25·0	24·5	24·6	24·9	24·9	24·7	24·7	25·1	25·1	23·4	23·4	22·0	22·0	21·2	21·2	21·1	21·1	24
25	18·4	18·4	18·3	18·3	18·6	18·6	19·0	19·0	18·9	18·9	18·9	18·9	18·2	18·2	19·0	19·0	19·0	19·0	19·9	19·9	20·3	20·3	21·1	21·1	25
26	18·5	18·5	18·0	18·0	17·8	17·9	17·8	17·8	17·7	17·8	17·7	17·7	17·2	17·2	17·2	17·0	17·7	17·0	17·3	17·3	18·6	18·6	19·4	19·4	26
27	16·7	15·8	18·6	16·1	17·9	15·9	17·1	16·1	18·1	16·2	18·2	16·3	17·2	16·2	18·8	15·9	18·9	17·0	17·9	17·1	17·7	17·9	18·6	18·8	27
28	21·6	21·7	20·7	20·9	19·9	19·9	19·0	19·0	19·2	19·2	18·9	19·0	19·7	19·8	19·7	19·7	19·6	19·7	18·8	18·9	19·7	19·9	18·9	19·0	28
29	21·5	21·6	21·0	21·0	21·8	21·8	23·7	23·7	24·4	24·4	24·0	24·0	24·0	24·0	23·9	24·0	23·5	23·6	22·5	22·6	22·5	22·6	21·5	21·6	29
30	22·3	22·3	23·0	23·0	23·0	23·0	23·1	23·0	23·1	23·1	23·2	23·2	23·1	23·1	23·2	23·2	23·4	23·4	24·2	24·2	24·2	24·2	24·4	24·4	30
31	25·3	25·3	25·1	25·1	24·8	24·8	25·2	25·2	24·3	24·3	24·0	24·0	26·0	24·0	25·1	24·0	25·1	24·1	26·2	26·2	26·2	26·2	27·2	27·2	31
Means.	19·8	19·8	19·7	19·6	19·6	19·6	19·7	19·7	19·6	19·5	19·5	19·5	19·7	19·5	19·8	19·6	19·8	19·7	19·9	19·9	20·1	20·1	20·4	20·4	Means.

DECEMBER 1886.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	20·0	20·0	18·2	18·2	17·5	17·5	16·2	16·2	17·0	17·0	12·2	12·2	12·2	12·2	12·3	12·3	12·0	12·0	10·6	10·8	10·0	10·0	11·1	11·1	15·6	15·6	1
2	14·5	14·5	13·8	13·8	13·5	13·5	13·2	13·2	12·9	12·9	13·2	13·2	13·5	13·5	14·0	14·0	13·2	13·2	14·1	14·1	14·5	14·5	14·7	14·8	13·0	13·0	2
3	23·0	23·0	23·2	23·2	22·7	22·7	23·0	23·0	23·3	23·3	24·1	24·1	24·7	24·7	24·6	24·4	24·7	24·6	25·1	25·1	24·2	24·2	25·4	25·4	21·3	21·2	3
4	20·4	20·4	20·1	20·1	20·2	20·2	21·0	21·0	21·2	21·2	21·5	21·5	21·2	21·2	20·8	20·8	21·2	21·1	20·3	20·4	21·9	21·9	22·6	22·6	21·5	21·5	4
5	32·0	32·0	31·4	31·4	30·0	30·0	31·8	31·8	32·2	32·2	32·3	32·3	34·9	34·9	36·4	36·3	36·1	36·1	36·1	36·1	34·3	34·3	31·6	31·6	30·7	30·7	5
6	25·0	25·0	25·3	25·3	25·0	25·0	24·2	24·2	24·1	24·1	23·9	23·9	23·4	23·4	23·9	23·9	23·6	23·6	23·3	23·3	23·3	23·3	22·2	22·2	25·2	25·2	6
7	19·1	19·1	18·2	18·2	18·4	18·5	18·0	18·0	18·1	18·1	18·3	18·3	18·1	18·1	18·6	18·6	19·0	19·0	18·9	19·0	18·1	18·1	18·0	18·0	19·0	19·0	7
8	21·8	21·8	22·1	22·0	22·0	22·0	21·9	21·9	22·0	22·0	21·7	21·7	21·1	21·1	20·8	20·8	20·0	20·0	20·1	20·1	21·0	21·0	22·1	22·1	20·4	20·4	8
9	21·8	21·8	22·7	22·7	23·1	23·0	23·3	23·3	23·4	23·4	23·4	23·4	23·2	23·2	23·1	23·1	22·1	22·1	21·5	21·5	21·4	21·5	21·1	21·1	22·5	22·5	9
10	22·4	22·4	23·1	23·1	22·3	22·3	22·7	22·7	22·3	22·3	22·4	22·4	22·4	22·4	22·0	22·0	21·3	21·3	20·1	20·2	21·6	21·6	20·7	20·8	21·2	21·3	10
11	25·2	25·2	25·8	25·9	25·7	25·7	25·8	25·8	25·9	25·9	25·2	25·2	25·8	25·8	26·0	26·0	26·1	26·1	26·0	26·0	25·8	25·8	25·6	25·5	23·4	23·5	11
12	21·9	21·9	20·4	20·4	20·1	20·1	18·5	18·5	20·2	19·0	21·1	19·2	19·7	19·8	20·2	20·2	20·1	20·1	19·3	19·3	18·9	19·0	18·1	18·2	22·1	21·9	12
13	18·0	17·7	18·1	17·0	17·9	17·5	18·0	18·0	18·0	18·0	17·9	17·9	17·8	17·9	17·0	17·0	16·9	17·0	17·1	17·1	16·6	16·8	17·0	17·0	18·4	18·3	13
14	16·0	16·0	15·3	15·0	15·3	15·2	16·1	16·1	16·1	16·0	16·4	16·0	16·6	16·0	17·1	16·2	18·2	17·0	17·3	16·6	17·5	16·4	17·2	17·0	16·4	15·8	14
15	18·9	18·9	19·5	19·5	19·1	19·1	19·3	19·3	19·9	19·9	19·1	19·1	19·0	19·0	18·2	18·2	17·2	17·2	17·1	17·1	17·0	17·0	17·4	17·3	18·4	18·3	15
16	16·2	16·3	16·1	16·1	15·7	16·0	15·9	16·0	15·3	15·3	15·2	15·2	15·2	15·2	15·1	15·1	15·1	15·1	15·2	15·2	15·2	15·2	15·3	15·3	16·3	16·3	16
17	8·4	8·8	8·5	8·8	9·0	9·1	9·2	9·2	9·2	9·4	9·3	9·5	9·2	9·2	10·0	10·0	9·6	9·9	10·0	10·0	10·8	10·9	11·3	11·3	10·9	11·1	17
18	17·7	17·7	16·9	16·8	15·3	15·3	14·6	14·8	14·8	14·8	15·1	15·1	15·5	15·5	15·0	15·0	15·4	15·4	15·4	15·4	15·2	15·2	14·1	14·2	15·1	15·1	18
19	14·6	14·8	16·1	16·1	16·2	16·2	16·2	16·2	15·5	15·5	15·3	15·3	14·6	14·6	12·4	12·4	13·5	13·5	14·2	14·2	14·2	14·0	14·7	14·8	13·2	13·3	19
20	15·2	15·0	14·9	14·8	14·3	14·9	15·3	15·3	15·1	15·1	15·7	15·7	15·7	15·8	16·3	16·3	18·0	18·0	17·5	17·5	18·4	18·3	19·4	19·4	15·8	15·5	20
21	24·0	24·0	24·1	24·1	24·1	24·1	24·0	24·0	24·0	24·0	24·3	24·3	24·8	24·8	24·3	24·2	25·2	25·2	26·0	26·0	26·1	26·1	26·8	26·8	22·9	22·9	21
22	24·0	24·0	24·2	24·2	23·9	23·9	23·9	23·9	24·0	24·0	23·6	23·6	23·6	23·6	22·8	23·0	23·2	23·2	22·9	22·9	22·2	22·2	21·2	21·2	24·3	24·3	22
23	22·8	22·8	23·1	23·1	22·5	22·5	23·1	23·1	23·9	23·9	24·0	24·0	24·0	24·0	24·1	24·1	24·4	24·4	25·1	25·1	25·1	25·1	25·1	25·1	22·5	22·5	23
24	19·9	20·0	19·0	19·0	19·7	19·7	20·1	20·1	20·1	20·1	19·3	19·3	19·2	19·2	19·2	19·2	18·2	18·3	18·0	18·1	17·7	17·9	17·7	17·7	21·5	21·5	24
25	21·1	21·1	21·2	21·2	21·9	22·0	20·4	20·4	19·3	19·3	20·2	20·2	19·4	19·4	19·7	19·7	19·9	20·0	19·3	19·3	19·2	19·2	19·2	19·1	19·6	19·6	25
26	17·8	18·0	18·3	18·3	17·3	17·1	16·9	16·9	17·3	17·0	16·9	16·9	16·0	15·6	17·8	16·4	17·8	16·4	16·8	15·6	17·7	16·1	17·6	15·8	17·6	17·3	26
27	18·6	18·8	18·3	18·3	18·6	18·7	18·7	18·7	21·0	21·0	23·0	23·0	24·9	25·0	26·7	26·7	26·0	26·0	25·5	25·5	25·0	25·0	24·0	24·0	20·2	19·6	27
28	20·1	20·2	20·6	20·6	20·7	20·6	21·0	21·0	21·4	21·5	21·2	21·2	20·9	21·0	21·5	21·5	21·6	21·6	21·4	21·4	21·7	21·7	22·0	22·0	20·4	20·5	28
29	21·8	21·8	22·3	22·3	22·1	22·2	22·0	22·0	21·7	21·8	22·1	22·2	21·9	22·0	22·1	22·0	21·9	21·9	21·3	21·3	21·3	21·3	22·0	22·0	22·4	22·4	29
30	24·9	24·9	24·8	24·8	26·0	26·0	25·7	25·4	24·3	24·7	24·1	24·1	25·7	25·9	25·2	25·2	26·3	26·3	26·1	26·1	26·1	26·1	25·8	25·8	24·4	24·4	30
31	27·7	27·7	28·9	28·9	29·1	29·1	29·1	29·1	29·6	29·6	29·7	29·7	29·9	29·9	30·1	30·1	30·3	30·3	30·9	30·9	30·5	30·7	30·1	30·1	27·5	27·4	31
Means.	20·5	20·5	20·5	20·4	20·3	20·3	20·3	20·3	20·4	20·4	20·4	20·3	20·5	20·4	20·6	20·5	20·6	20·5	20·4	20·4	20·4	20·3	20·4	20·3	20·1	20·1	Means.

JANUARY 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	29·3	29·3	31·1	31·1	30·0	30·0	30·2	30·2	30·0	30·0	29·9	29·9	30·0	30·0	30·0	30·0	29·8	29·8	29·3	29·3	28·9	28·9	28·9	28·9	1
2	27·0	27·0	27·3	27·3	27·8	27·8	27·6	27·6	27·1	27·1	27·0	27·0	26·3	26·3	26·2	26·2	26·0	26·0	26·0	26·0	25·8	25·8	25·3	25·3	2
3	22·3	22·3	23·1	23·1	23·1	23·1	23·3	23·3	24·0	24·0	24·0	24·0	23·9	23·9	24·1	24·1	24·1	24·1	24·5	24·5	25·0	25·0	25·2	25·2	3
4	16·8	16·8	16·3	16·3	15·2	15·2	14·7	15·0	15·1	15·3	14·8	15·1	15·7	15·7	17·0	17·1	17·1	17·1	18·0	18·0	18·8	18·9	19·7	19·7	4
5	15·3	15·2	15·6	15·6	15·6	15·6	15·8	15·8	15·9	15·9	15·8	15·8	15·8	15·8	16·1	16·1	17·9	17·8	17·8	17·8	17·8	18·0	19·0	19·0	5
6	19·6	19·6	19·1	19·2	19·1	19·1	18·9	19·0	18·2	18·2	16·7	16·7	16·8	16·9	16·8	16·9	17·1	17·2	18·1	18·2	18·9	19·0	18·3	18·1	6
7	19·9	19·9	19·9	19·9	20·1	20·1	20·4	20·4	20·9	20·9	21·0	21·0	20·5	20·5	20·0	20·0	18·9	19·0	19·2	19·2	20·0	20·0	20·0	20·0	7
8	20·0	18·9	19·0	18·3	18·4	18·3	17·1	17·2	18·0	18·0	17·9	17·9	17·9	17·9	17·8	17·8	17·6	17·9	18·0	18·0	18·0	18·2	19·4	19·0	8
9	21·1	21·1	21·1	21·1	20·9	20·9	21·0	21·0	20·9	20·9	21·5	21·5	21·3	21·3	20·7	20·7	21·0	21·0	21·1	21·1	22·0	22·0	22·2	22·2	9
10	20·3	20·3	20·1	20·1	19·9	20·0	19·0	19·0	18·1	18·1	18·1	18·2	18·0	18·0	17·5	17·7	18·0	18·0	19·1	18·9	19·6	19·0	20·1	19·0	10
11	23·0	23·0	23·2	23·2	25·2	25·2	24·3	24·3	24·2	24·2	25·0	25·0	24·7	24·7	25·1	25·1	26·3	26·1	28·2	28·1	30·2	30·2	30·3	30·3	11
12	21·8	21·8	20·1	20·2	20·4	20·4	19·7	19·7	19·1	19·2	19·5	19·5	20·1	20·1	21·1	21·1	21·0	21·0	21·6	21·6	22·1	22·1	22·5	22·5	12
13	23·1	23·1	23·1	23·0	23·3	23·2	23·9	23·9	24·1	24·1	25·0	25·0	25·1	25·1	25·8	25·8	25·5	25·5	25·9	25·9	26·3	26·3	27·0	27·0	13
14	24·8	24·8	23·1	23·1	23·9	23·9	24·0	24·0	24·1	24·1	24·4	24·4	23·1	23·1	24·0	24·1	23·6	23·6	23·0	23·0	23·7	23·7	23·7	23·7	14
15	24·7	22·0	25·8	22·7	26·0	22·0	27·2	23·0	28·0	23·0	30·0	23·9	31·0	24·1	29·2	23·2	28·2	22·6	28·2	23·1	27·0	24·9	24·6	20·5	15
16	17·1	17·1	16·8	17·0	15·4	15·4	15·0	15·0	14·2	14·2	12·8	12·9	12·8	12·8	12·8	12·8	12·2	12·4	13·0	13·0	12·5	12·8	12·9	13·0	16
17	11·3	11·3	12·9	12·9	12·4	12·3	12·0	12·0	12·2	12·2	12·0	12·0	17·1	17·2	17·4	17·4	18·1	18·1	18·1	18·1	18·0	18·0	18·2	18·2	17
18	22·0	22·0	22·0	22·0	21·9	21·9	21·9	21·8	21·4	21·6	21·9	21·9	21·3	21·3	21·3	21·4	21·6	21·6	22·4	22·4	22·7	22·7	22·9	22·9	18
19	32·1	32·0	35·0	34·1	35·9	36·0	35·9	35·9	36·0	36·0	36·2	36·2	36·1	36·1	36·0	36·0	35·8	35·8	35·0	35·0	31·7	32·0	28·4	28·4	19
20	22·1	22·1	21·8	21·9	21·4	21·4	21·6	21·6	21·1	21·1	23·0	23·0	23·3	23·3	23·1	23·1	24·3	24·3	25·1	25·1	26·2	26·2	27·5	27·5	20
21	29·2	29·2	29·2	29·2	29·4	29·4	29·7	29·7	29·6	29·6	28·8	28·8	28·9	28·9	29·7	29·7	29·0	29·0	29·4	29·4	30·0	30·0	30·2	30·2	21
22	32·2	32·2	32·2	32·2	32·2	32·2	32·3	32·3	32·2	32·2	32·2	32·2	32·8	32·8	33·0	33·0	32·8	32·8	32·0	32·0	31·9	32·0	31·6	31·6	22
23	32·0	32·0	32·0	32·0	31·7	31·9	31·3	31·3	31·2	31·2	31·2	31·2	31·1	31·1	31·0	31·0	30·9	30·9	31·0	31·0	30·9	30·9	30·8	30·8	23
24	23·0	23·0	24·0	24·0	24·1	24·1	25·0	25·0	24·3	24·3	25·2	25·2	25·0	25·0	25·0	25·0	25·7	25·8	26·3	26·3	27·0	27·0	27·2	27·2	24
25	32·0	32·0	32·2	32·2	32·7	32·7	32·6	32·6	32·1	32·1	31·9	31·9	31·9	32·0	31·9	31·9	32·0	32·0	32·9	32·9	34·1	34·1	35·9	35·9	25
26	34·8	34·8	33·7	33·7	33·1	33·1	33·8	33·8	34·0	34·0	34·8	34·8	34·6	34·6	34·8	34·8	34·7	34·7	34·4	34·4	34·7	34·7	34·9	34·9	26
27	35·8	35·8	36·0	36·0	36·5	36·5	35·1	35·1	35·9	35·9	35·5	35·5	35·3	35·3	36·1	36·1	35·9	35·9	35·2	35·2	35·9	35·9	36·1	36·1	27
28	31·2	31·2	31·8	31·8	30·0	30·0	29·8	29·7	27·1	27·2	27·8	27·9	28·5	28·6	26·8	26·9	25·0	25·3	26·5	26·7	27·6	27·7	28·9	28·9	28
29	32·9	32·9	32·9	32·9	33·1	33·1	33·2	33·2	33·4	33·5	33·6	33·6	33·8	33·8	33·7	33·7	33·2	33·2	32·9	32·9	32·7	32·7	32·7	32·7	29
30	32·8	32·1	33·0	33·0	32·8	32·8	33·5	33·5	32·7	32·7	32·8	32·8	32·9	32·9	32·2	32·2	33·1	33·1	32·5	32·5	32·1	32·1	31·7	32·0	30
31	20·3	20·3	20·2	20·2	20·4	20·4	20·5	20·5	20·4	20·4	20·1	20·0	19·9	19·9	19·0	19·0	18·2	18·2	18·9	18·9	18·8	18·8	19·1	19·1	31
Means.	24·8	24·7	25·0	24·8	24·9	24·8	24·8	24·7	24·7	24·6	24·9	24·7	25·0	24·8	25·0	24·8	25·0	24·8	25·3	25·1	25·5	25·5	25·7	25·5	Means.

JANUARY 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	28·0	28·0	28·1	28·1	27·4	27·4	27·5	27·5	27·6	27·6	27·3	27·3	27·1	27·1	26·4	26·3	26·8	26·8	26·9	26·9	26·9	26·9	27·0	27·0	28·5	28·5	1
2	24·8	24·8	22·7	22·8	22·0	22·0	20·8	20·9	21·2	21·2	20·3	20·3	19·9	19·9	21·0	21·0	20·9	20·9	21·0	21·0	21·8	21·8	21·9	21·9	24·1	24·1	2
3	25·2	25·2	24·8	24·8	22·8	22·9	22·8	22·8	19·9	19·9	19·1	19·2	17·4	17·4	18·0	18·0	16·9	17·0	16·9	17·0	16·0	16·2	16·6	16·8	21·8	21·8	3
4	19·1	19·1	19·2	19·1	19·0	19·0	18·8	18·8	18·0	18·0	17·7	17·7	16·9	16·9	15·5	15·5	14·9	15·0	14·9	14·9	15·0	15·0	15·0	15·0	16·8	16·8	4
5	19·8	19·8	19·0	19·1	17·9	18·0	18·7	18·7	19·0	19·0	19·8	19·8	20·0	20·0	19·8	19·8	18·9	18·9	18·7	18·5	19·0	19·0	19·7	19·7	17·9	17·9	5
6	19·2	18·4	18·9	18·0	17·8	17·9	17·1	17·3	17·3	17·5	17·6	17·8	17·3	17·8	17·8	18·0	17·9	17·9	17·5	17·7	19·1	19·1	19·7	19·7	18·1	18·1	6
7	18·9	18·9	18·1	18·2	19·2	19·0	19·4	19·0	19·9	19·9	19·1	19·1	19·5	19·5	19·6	19·6	19·6	19·6	19·1	19·1	19·1	19·1	19·3	19·0	19·6	19·6	7
8	19·3	18·9	19·9	19·1	20·4	18·1	18·9	17·1	19·0	17·0	17·1	16·9	18·0	18·2	19·4	19·0	19·9	20·0	20·1	20·1	20·2	20·2	21·2	21·2	18·9	18·5	8
9	21·9	21·9	21·9	21·9	21·4	21·4	20·8	20·8	20·7	20·7	20·8	20·8	20·1	20·1	20·3	20·3	20·5	20·5	20·9	20·9	20·2	20·3	20·0	20·0	21·0	1 ·0	9
10	21·3	21·0	20·9	20·9	20·0	20·1	20·1	20·1	21·0	20·2	22·1	22·1	21·1	21·1	20·0	20·0	20·5	20·5	20·2	20·2	22·3	22·3	23·1	23·0	20·0	19·9	10
11	29·0	29·0	27·0	27·0	25·0	25·0	24·1	24·1	22·9	23·0	23·1	23·1	22·1	22·1	22·0	22·0	22·0	22·0	21·2	21·2	21·0	21·0	21·1	21·1	24·6	24·6	11
12	22·3	22·3	22·3	22·3	22·9	22·9	23·0	23·0	23·1	23·1	23·1	23·1	22·3	22·3	22·2	22·2	21·7	21·8	21·2	21·2	22·2	22·2	23·8	23·8	21·6	21·6	12
13	27·7	27·7	28·0	28·0	28·2	28·1	26·0	26·0	26·7	26·7	26·4	26·4	25·2	25·2	26·3	26·3	25·8	25·8	25·1	25·2	25·2	25·2	25·0	25·0	25·6	25·6	13
14	24·9	24·9	24·0	24·0	23·2	23·2	22·7	22·7	22·8	22·8	23·2	23·2	23·0	23·0	23·0	23·0	23·0	23·0	22·8	22·9	22·3	21·8	24·5	22·3	23·5	23·4	14
15	23·0	20·8	22·2	20·2	23·8	21·3	21·2	19·8	18·9	18·9	18·9	18·9	18·1	18·1	18·1	18·1	18·0	18·1	17·8	17·8	18·3	18·3	18·0	18·0	23·6	21·0	15
16	13·0	13·0	12·5	12·7	12·9	12·9	12·3	12·3	16·1	16·1	15·0	14·9	15·1	15·1	13·0	13·0	12·1	12·1	12·0	12·0	12·2	12·2	11·9	12·0	13·6	13·6	16
17	20·3	20·2	23·3	23·3	24·0	24·0	24·2	24·2	25·0	25·0	25·3	25·3	26·8	26·8	26·9	26·9	26·1	26·1	25·0	25·0	23·1	23·2	21·9	21·9	19·6	19·6	17
18	23·1	23·1	23·0	23·0	21·2	21·2	21·0	21·0	20·3	20·3	20·8	20·8	21·1	21·1	22·0	22·0	22·6	22·6	24·0	24·0	26·8	26·7	31·3	31·1	22·5	22·5	18
19	27·2	27·2	26·9	26·9	26·8	26·8	24·2	24·2	24·1	24·1	23·3	23·3	23·1	23·1	23·2	23·2	23·1	23·1	23·3	23·3	22·8	22·8	22·2	22·2	29·3	29·3	19
20	28·0	28·0	29·1	29·1	30·1	30·1	30·8	30·8	31·1	31·1	31·1	31·1	31·1	31·1	31·1	31·1	30·1	30·1	29·9	29·9	29·7	29·7	29·2	29·2	26·7	26·7	20
21	30·9	30·9	31·0	31·0	31·6	31·6	31·7	31·8	32·0	32·0	32·0	32·0	32·1	32·1	32·1	22·1	32·2	32·2	32·3	32·3	32·3	32·3	32·3	32·2	30·6	30·6	21
22	31·1	31·1	31·2	31·2	30·9	30·9	30·2	30·2	30·2	30·2	31·0	31·0	31·0	31·0	31·0	31·0	31·5	31·5	32·0	32·0	32·1	32·1	32·1	32·1	31·7	31·7	22
23	30·2	30·2	29·9	29·9	29·3	29·3	28·7	28·8	28·4	28·4	28·0	28·0	27·9	27·9	29·5	29·5	26·9	26·9	26·7	26·8	25·0	25·0	23·9	24·0	29·6	29·6	23
24	28·0	28·0	29·3	29·3	29·0	29·0	29·1	29·1	29·4	29·4	29·9	29·9	30·2	30·2	31·1	31·1	31·2	31·2	31·2	31·2	31·9	31·9	32·0	32·0	27·7	27·7	24
25	36·1	36·1	36·5	36·5	36·8	36·8	36·4	36·5	36·2	36·2	36·0	36·0	36·1	36·1	36·0	36·0	35·9	35·8	36·2	36·2	36·7	36·7	36·3	36·3	34·5	34·5	25
26	34·9	34·9	35·8	35·8	35 3	35·3	35·7	35·7	36·7	36·7	36·6	36·6	36·6	36·6	36·7	36·7	36·6	36·6	36·2	36·2	36·2	36·1	36·1	36·1	35·2	35·2	26
27	35·2	35·2	34·8	34·8	35·1	35·1	34·8	34·8	34·9	34·9	35·0	35·0	35·6	35·6	35·1	35·1	35·0	35·0	35·0	35·0	33·9	33·9	30·8	32·0	35·2	35·2	27
28	30·1	30·1	31·2	31·1	31·8	31·8	32·0	32·0	32·3	32·1	33·4	33·0	33·7	33·7	33·7	33·7	33·6	33·6	33·5	33·5	33·2	33·1	33·0	33·0	30·5	30·5	28
29	32·5	32·5	32·1	32·1	32·0	32·0	32·0	32·0	32·1	32·1	32·0	32·0	31·9	31·9	32·0	32·0	32·0	32·0	32·1	32·1	32·0	32·0	32·1	32·1	32·6	32·6	29
30	31·2	31·9	31·1	31·1	30·8	30·8	26·5	26·5	23·7	23·8	23·2	23·2	23·5	23·6	23·0	23·0	22·3	22·3	21·1	21·1	21·2	21·1	21·1	21·1	28·8	28·8	30
31	20·2	20·2	22·7	22·7	24·0	24·1	25·9	25·9	27·8	27·8	26·0	26·0	27·6	27·6	27·0	27·0	25·0	25·0	23·2	23·2	22·0	22·0	22·1	22·1	22·1	22·1	31
Means.	25·7	25·6	25·7	25·6	25·6	25·4	25·1	25·0	25·1	25·0	25·0	25·0	24·9	24·9	24·9	24·9	24·6	24·6	24·5	24·5	24·5	24·5	24·7	24·6	25·0	24·9	Means.

FEBRUARY 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	21·0	21·0	21·0	21·0	19·9	19·9	19·5	19·5	18·9	18·9	18·8	18·8	18·3	18·3	18·2	18·2	18·9	18·9	18·1	18·1	18·8	18·8	19·1	19·1	1
2	21·3	21·3	20·4	20·4	20·2	20·2	20·2	20·2	19·8	19·8	20·0	20·0	20·3	20·3	23·0	23·0	24·1	24·1	25·0	25·0	25·4	25·4	26·0	26·0	2
3	23·4	23·4	24·1	24·1	26·8	26·8	29·8	29·8	32·0	32·0	32·1	32·1	30·1	30·1	28·4	28·5	26·7	26·9	27·4	27·5	26·8	27·0	25·1	25·3	3
4	24·2	24·2	24·3	24·3	24·8	24·8	24·1	24·1	24·5	24·5	24·2	24·2	25·0	25·0	24·7	24·7	24·5	24·5	25·5	25·5	25·7	25·7	26·2	26·2	4
5	31·0	31·0	29·0	29·0	26·8	26·8	25·9	25·9	26·2	26·2	26·1	26·1	25·8	25·8	25·9	25·9	26·0	26·0	26·0	26·0	25·2	25·2	24·7	24·7	5
6	23·0	23·0	22·5	22·5	21·0	21·0	26·5	23·0	27·1	23·4	27·8	21·1	27·3	21·0	25·0	21·2	22·3	22·0	23·0	22·4	23·4	22·7	24·1	22·0	6
7	26·2	26·8	28·4	28·3	28·1	28·1	29·0	29·0	28·8	28·8	29·4	29·4	29·6	29·6	30·0	30·0	30·5	30·5	30·2	30·2	30·3	30·3	32·0	32·0	7
8	29·0	27·4	29·1	27·0	29·8	27·0	30·6	26·8	28·5	24·1	27·7	23·0	25·1	22·1	26·4	21·8	27·0	22·0	28·2	23·2	27·3	22·8	27·6	23·0	8
9	24·7	20·1	23·9	19·3	22·1	18·1	21·9	17·9	21·1	17·3	21·2	17·6	23·1	18·5	25·5	20·2	25·3	20·2	27·3	22·3	24·9	21·0	24·4	19·0	9
10	27·2	22·2	29·1	22·0	28·8	23·0	28·0	23·2	26·1	22·1	30·0	24·8	24·1	22·2	21·8	21·9	23·1	23·1	24·4	24·4	24·9	24·9	25·4	25·4	10
11	26·3	26·3	25·6	25·6	27·2	27·2	28·2	28·2	29·0	29·0	29·9	29·9	29·5	29·5	29·9	29·9	30·0	30·0	31·0	31·0	31·0	31·0	31·0	31·0	11
12	31·1	30·0	31·2	28·1	30·0	26·0	29·8	25·9	30·2	25·2	30·6	27·1	30·3	29·1	29·9	29·0	30·3	29·1	31·3	30·2	32·0	31·8	31·8	30·8	12
13	32·9	31·0	32·4	31·0	31·7	30·1	32·1	30·7	31·0	30·0	29·0	29·0	27·8	27·8	27·4	27·5	27·8	27·8	28·0	28·0	28·1	28·1	28·1	28·1	13
14	25·9	25·9	25·3	25·3	24·0	24·0	23·4	23·4	23·0	23·0	22·9	22·9	22·0	22·0	19·5	19·7	20·0	19·8	22·8	22·1	22·1	22·4	22·1	22·0	14
15	20·9	20·9	21·0	21·0	21·1	21·1	21·5	21·5	21·3	21·3	21·4	21·4	20·3	20·3	20·3	20·3	20·1	20·7	20·4	20·7	21·1	21·4	22·2	22·2	15
16	19·9	19·9	20·1	20·1	20·1	20·1	20·7	20·8	20·8	20·8	20·9	20·9	20·9	20·9	20·5	20·5	21·3	21·3	23·9	23·9	24·0	24·0	23·8	23·8	16
17	29·1	29·1	29·1	29·1	29·1	29·1	29·6	29·6	30·7	30·7	30·5	30·5	31·0	31·0	31·3	31·3	31·5	31·5	32·0	32·0	32·0	32·0	32·0	32·0	17
18	32·1	32·1	32·1	32·1	32·2	32·2	32·2	32·2	32·1	32·1	30·8	32·0	31·0	31·0	31·0	31·0	30·3	30·3	28·9	28·9	27·4	27·4	27·0	27·0	18
19	25·0	25·0	26·0	26·0	27·1	27·1	27·2	27·2	28·1	28·1	26·8	27·0	27·0	27·0	26·8	26·8	27·9	27·9	28·2	28·1	28·3	28·3	29·3	29·3	19
20	27·1	27·1	26·8	26·9	26·3	26·3	27·2	27·2	27·3	27·3	28·2	28·2	29·0	29·0	29·5	29·5	29·6	29·6	30·8	30·8	30·8	30·8	30·3	30·3	20
21	21·8	21·8	22·2	22·2	22·9	22·9	22·5	22·5	22·6	22·6	22·9	22·9	23·1	23·1	23·4	23·4	24·0	24·0	24·0	24·0	24·9	24·9	25·3	25·3	21
22	29·2	29·2	30·1	30·1	31·0	31·0	31·8	31·8	32·0	32·0	32·6	32·6	32·0	32·0	32·0	32·0	31·0	31·0	31·9	31·9	31·9	31·9	31·8	31·8	22
23	30·9	30·9	30·8	30·8	31·1	31·1	30·7	30·7	31·6	31·6	31·0	31·0	29·8	29·8	30·6	30·6	32·0	32·0	33·7	33·2	34·0	34·0	33·8	33·8	23
24	34·8	34·8	34·3	34·3	34·0	34·1	33·0	33·0	32·6	32·6	32·0	32·3	32·2	32·2	32·2	32·2	32·2	32·2	32·5	32·3	32·2	32·2	33·7	33·7	24
25	28·6	28·6	28·0	28·0	27·9	27·9	27·1	27·1	26·0	26·0	25·2	25·2	23·8	23·8	23·1	23·1	23·1	23·1	22·4	22·4	22·0	22·0	22·3	22·3	25
26	25·4	23·9	25·2	23·1	22·4	21·0	24·4	22·0	24·6	22·2	26·0	22·4	27·1	23·3	28·0	24·2	28·3	24·3	29·0	27·0	31·0	27·8	31·7	28·1	26
27	32·8	32·8	32·1	32·1	32·2	32·2	32·7	32·8	33·1	33·1	32·1	32·1	32·0	32·0	31·9	31·9	31·3	32·0	32·0	30·9	33·6	30·0	33·0	28·8	27
28	30·0	25·9	30·0	25·3	30·1	25·5	30·8	25·9	30·1	26·1	30·0	24·8	30·8	25·2	31·1	26·0	32·2	26·7	32·6	27·3	36·1	27·3	35·2	28·3	28
29																									29
30																									30
31																									31
Means.	27·0	26·3	26·9	26·0	26·7	25·9	27·2	26·1	27·1	26·1	27·1	26·0	26·7	25·8	26·7	25·9	26·8	26·1	27·5	26·8	27·7	26·8	27·8	26·8	Means.

FEBRUARY 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	19·9	19·9	19·0	19·0	20·0	20·2	19·2	19·1	20·3	20·3	20·9	20·9	21·0	21·0	21·1	21·1	21·9	21·9	22·0	22·0	22·0	22·0	22·2	22·1	20·0	20·0	1
2	26·0	26·0	26·6	27·0	27·6	27·6	27·2	27·2	27·7	27·7	23·4	23·4	23·9	23·9	23·2	23·2	22·8	22·8	23·2	23·2	23·0	23·0	23·2	23·2	23·5	23·5	2
3	26·9	27·0	26·0	26·0	26·2	26·2	26·2	26·2	26·7	26·7	26·8	26·8	26·0	26·0	24·8	24·8	23·3	23·3	24·0	24·0	23·6	23·6	23·7	23·7	26·5	26·6	3
4	26·7	26·7	26·7	26·7	27·0	27·0	26·7	26·7	26·9	27·0	27·5	27·5	27·1	27·1	26·7	26·7	26·9	27·0	27·1	27·1	27·7	27·7	30·7	30·7	26·1	26·1	4
5	22·4	22·4	21·8	21·8	21·7	21·8	22·2	22·2	21·8	21·8	21·8	21·8	22·1	22·1	21·7	21·7	20·1	20·2	21·5	21·5	22·1	22·1	23·1	23·1	24·2	24·2	5
6	25·2	22·7	25·9	22·7	26·0	23·0	25·0	22·4	27·5	25·0	26·0	21·8	26·3	21·8	23·0	20·4	26·5	22·1	24·4	21·4	26·0	22·1	24·7	22·8	25·0	22·2	6
7	31·7	31·8	31·7	31·7	32·0	32·0	32·0	32·0	32·0	32·0	30·9	31·0	31·0	31·0	31·1	31·1	30·3	30·3	31·1	31·1	31·0	31·0	30·8	29·9	30·3	30·3	7
8	27·1	23·0	29·8	24·5	28·2	24·8	30·9	25·7	27·3	23·2	25·1	21·1	26·6	22·0	27·0	21·6	26·6	21·5	26·4	22·0	26·0	21·0	24·8	20·5	27·6	23·4	8
9	25·8	20·1	27·5	22·0	26·2	22·0	26·1	21·1	24·1	20·1	22·1	20·5	23·9	20·0	24·2	20·3	26·0	21·3	23·4	20·7	25·8	21·2	25·4	21·2	24·4	20·1	9
10	25·5	25·5	25·4	25·4	25·8	25·8	25·6	25·6	25·8	25·8	26·0	26·0	26·1	26·1	26·1	26·1	26·0	26·0	26·1	26·1	26·0	26·0	25·9	25·9	26·0	24·6	10
11	31·0	31·0	31·0	31·0	32·0	32·0	32·0	32·0	31·4	31·5	31·2	31·2	31·8	31·8	31·7	31·7	31·9	31·2	31·3	31·2	32·0	31·3	32·7	32·0	30·4	30·3	11
12	31·0	30·0	30·9	29·9	30·9	28·8	30·9	29·0	31·2	29·8	30·0	28·9	29·3	28·8	28·2	28·0	27·0	27·0	28·3	28·3	29·0	29·0	33·3	31·2	30·4	28·8	12
13	29·1	29·1	27·9	28·0	27·2	27·2	27·7	27·7	27·3	27·3	27·1	27·1	27·2	27·2	26·8	27·0	26·0	26·0	26·4	26·4	26·0	26·0	25·4	25·4	28·4	28·1	13
14	22·0	22·0	22·3	22·4	22·4	22·4	22·8	22·7	22·6	22·6	22·9	22·9	22·9	22·9	21·7	21·8	21·9	21·9	22·0	22·0	22·1	22·1	21·5	21·5	22·5	22·5	14
15	23·0	23·0	23·0	23·0	22·2	22·2	21·2	21·3	21·3	21·3	21·4	21·6	21·1	21·1	20·1	20·1	19·9	19·9	18·3	19·0	19·1	19·1	19·3	19·5	20·9	21·0	15
16	24·0	24·0	24·7	24·7	25·2	25·2	25·0	25·0	25·2	25·2	26·8	26·8	27·0	27·0	27·2	27·2	28·8	28·6	29·0	29·0	28·8	28·8	28·9	29·0	24·1	24·1	16
17	32·0	32·0	32·0	32·0	32·1	32·0	32·9	32·1	34·2	34·2	34·2	34·2	33·1	33·1	33·4	33·4	33·9	34·0	33·6	33·6	32·9	33·0	32·0	32·0	31·8	31·8	17
18	26·8	26·8	26·7	26·8	26·3	26·3	26·2	26·2	26·0	26·0	25·3	25·3	25·4	25·4	25·0	25·0	24·8	24·8	24·3	24·5	24·1	24·1	24·6	24·6	28·0	28·1	18
19	29·7	29·7	29·9	29·9	29·8	29·8	29·7	29·7	29·3	29·3	29·2	29·2	28·9	28·9	28·9	28·9	28·0	28·1	28·2	28·2	28·2	28·2	28·0	28·0	28·1	28·2	19
20	29·0	29·0	27·5	27·5	24·8	24·8	23·2	23·2	23·4	23·4	23·0	23·0	22·0	22·0	21·9	21·9	22·1	22·1	22·0	22·0	22·6	22·6	22·3	22·3	26·1	26·1	20
21	25·5	25·5	25·4	25·4	25·9	25·9	25·7	25·7	26·1	26·1	26·0	26·0	26·8	26·8	27·1	27·1	27·0	27·0	27·4	27·4	28·0	28·0	27·9	27·9	24·9	24·9	21
22	32·1	32·1	32·1	32·1	32·9	32·5	32·3	32·3	32·8	32·8	32·4	32·4	32·4	32·4	33·2	33·2	32·2	32·2	32·2	32·2	31·1	32·0	31·5	31·5	31·9	31·9	22
23	33·7	33·7	33·2	33·2	33·1	33·1	33·0	33·0	32·8	32·8	32·8	32·8	32·2	32·2	32·9	32·9	34·0	34·0	34·7	34·7	34·8	34·8	35·1	35·1	32·6	32·6	23
24	35·1	35·1	35·1	35·1	34·0	34·0	34·0	33·9	32·5	32·5	32·2	32·2	31·0	31·0	29·9	29·9	29·3	29·3	29·8	29·8	29·3	29·3	29·3	29·2	32·4	32·4	24
25	22·6	22·6	22·9	22·9	21·7	21·7	21·1	21·2	21·8	21·8	20·2	20·2	20·8	19·2	20·1	20·2	26·0	20·5	25·0	20·3	26·6	23·2	25·6	24·0	23·9	23·2	25
26	31·0	28·1	32·2	29·5	32·2	30·2	34·0	30·6	32·0	30·0	32·6	30·9	32·0	31·0	33·1	31·2	32·6	31·8	32·0	32·0	32·6	32·2	33·0	32·3	29·7	27·5	26
27	33·2	29·9	33·3	29·1	32·8	29·0	33·2	29·2	34·0	29·8	34·0	28·9	33·0	28·8	32·0	28·0	32·1	28·0	32·0	27·7	31·8	27·0	31·7	27·0	32·6	30·1	27
28	35·0	28·1	36·0	28·0	34·7	29·0	31·3	28·1	29·0	27·0	28·2	26·9	29·2	27·3	28·0	28·2	29·0	29·0	29·6	29·6	29·7	29·7	30·0	30·0	31·2	27·3	28
29																											29
30																											30
31																											31
Means.	28·0	27·0	28·1	27·0	27·9	27·0	27·8	26·8	27·6	26·9	27·1	26·5	27·1	26·4	26·8	26·2	27·0	26·1	27·0	26·3	27·2	26·4	27·4	26·6	27·3	26·4	Means.

MARCH 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	31·0	31·0	31·1	31·1	31·1	31·1	32·0	32·0	32·0	32·0	32·0	32·0	31·9	31·9	31·1	31·1	30·0	30·0	29·0	29·0	28·0	28·0	28·6	28·6	1
2	32·1	32·0	32·3	32·2	32·2	32·2	32·0	32·0	31·9	31·9	31·2	31·2	31·8	31·8	32·0	32·0	32·1	32·1	32·1	32·1	32·2	32·2	33·1	33·1	2
3	32·1	32·1	31·8	31·9	32·0	32·0	32·1	32·1	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·2	32·3	32·2	32·2	32·8	32·4	3
4	27·0	27·0	34·0	28·0	31·0	28·0	29·0	27·5	27·0	26·8	26·7	26·8	26·8	26·8	26·6	26·6	26·8	26·8	27·0	27·0	27·8	27·8	27·8	27·9	4
5	32·3	26·1	32·3	26·0	33·0	26·1	34·1	26·8	33·8	26·7	34·0	26·7	33·0	26·8	31·8	26·8	32·9	27·2	34·6	28·9	36·0	29·4	35·0	28·9	5
6	32·2	27·0	31·5	26·8	31·8	26·9	32·1	27·2	33·8	29·0	33·7	29·0	33·1	28·7	33·1	27·2	33·8	28·8	34·2	26·8	37·7	27·9	35·7	29·0	6
7	32·4	29·5	32·9	29·9	35·8	29·5	36·9	29·8	29·9	28·9	32·0	28·8	29·0	28·8	29·0	29·0	29·0	29·0	29·9	29·9	30·2	30·2	30·2	30·3	7
8	31·9	30·0	30·9	28·1	32·2	26·9	31·8	26·3	31·3	26·8	30·6	25·0	31·3	24·6	32·4	25·4	33·0	27·0	34·8	26·1	33·0	25·3	30·0	26·0	8
9	22·7	22·7	23·0	23·0	23·6	23·6	23·9	23·9	23·8	23·8	24·0	24·0	24·4	24·4	25·0	25·0	25·4	25·4	25·9	25·9	26·0	26·0	26·2	26·3	9
10	20·5	20·6	19·7	19·7	19·2	19·2	18·3	18·3	17·2	17·2	17·0	17·0	16·9	16·9	16·5	16·6	16·5	16·6	16·5	16·8	16·9	16·9	16·4	16·8	10
11	16·0	16·0	16·0	16·0	15·6	15·8	15·6	15·7	15·1	15·0	14·9	14·9	13·4	13·6	14·0	14·0	14·1	14·1	13·0	13·0	12·8	12·8	13·9	13·9	11
12	9·4	9·4	9·0	9·0	9·5	9·5	9·6	9·7	9·4	9·5	10·0	10·0	10·6	10·7	11·2	11·2	11·5	11·2	13·0	12·1	13·0	12·3	13·0	12·7	12
13	10·2	10·2	9·9	10·0	9·2	9·2	10·2	10·2	10·2	10·2	10·4	10·4	10·5	10·5	11·0	11·0	11·4	11·4	11·9	11·9	13·0	13·0	13·2	13·2	13
14	15·3	15·3	15·5	15·5	15·4	15·4	16·5	16·6	16·5	16·5	16·5	16·5	15·3	15·4	14·7	14·7	15·0	15·0	16·1	15·2	15·3	14·8	15·1	14·9	14
15	10·2	10·2	10·1	10·1	10·0	10·0	9·8	9·9	9·3	9·3	9·4	9·4	10·0	10·0	10·2	10·2	11·0	11·0	11·6	11·8	12·2	12·2	14·2	14·0	15
16	14·3	14·3	14·0	14·0	13·7	13·8	13·8	13·8	14·0	13·7	14·4	13·8	15·2	13·9	16·9	14·8	17·8	15·8	21·1	19·0	23·1	21·3	20·2	20·0	16
17	19·4	19·4	20·2	20·2	20·3	20·3	21·9	21·9	20·6	20·6	20·3	20·3	20·9	20·7	21·1	21·1	22·4	22·5	23·6	23·8	24·2	24·3	25·0	25·0	17
18	22·1	22·1	22·9	22·9	22·3	22·3	22·3	22·3	22·3	22·3	22·4	22·4	22·7	22·7	22·4	22·4	22·3	22·3	22·7	22·7	23·1	23·1	23·7	23·7	18
19	22·6	22·6	23·0	23·0	22·0	22·0	22·3	22·0	21·9	21·6	23·1	22·0	23·1	22·7	24·9	23·4	25·8	24·6	26·1	25·1	24·8	25·0	25·0	25·0	19
20	21·2	21·0	20·8	20·1	20·8	20·8	20·3	20·3	18·8	19·0	20·5	19·0	21·1	19·7	21·4	20·0	21·1	20·0	20·5	20·1	22·4	22·4	22·6	22·6	20
21	20·1	20·1	20·0	20·0	19·0	19·0	17·2	17·2	16·2	16·1	14·6	14·6	15·1	15·1	15·8	15·7	17·2	17·2	17·4	17·4	18·2	18·2	18·5	18·6	21
22	16·1	16·1	15·3	15·2	15·9	15·9	14·8	14·8	14·1	14·0	13·0	13·0	13·4	13·2	13·9	13·9	15·9	15·9	16·5	16·5	17·3	17·3	18·8	18·8	22
23	23·2	23·2	23·1	23·1	22·9	22·9	23·0	23·0	23·3	23·3	23·1	23·1	23·0	23·0	23·3	23·3	23·9	23·9	24·4	24·4	25·6	25·6	24·4	24·8	23
24	25·1	25·1	24·7	24·7	24·2	24·3	23·3	23·3	22·8	22·8	22·7	22·7	22·2	22·2	22·3	22·3	22·8	22·8	23·7	23·7	23·8	23·8	25·2	25·2	24
25	24·0	24·0	24·9	24·9	24·7	24·7	25·1	25·1	25·8	25·8	25·7	25·7	24·9	24·9	26·0	26·0	26·2	26·2	27·0	27·0	27·8	27·8	28·1	28·1	25
26	24·0	24·1	23·2	23·2	23·0	23·0	23·1	23·1	22·9	22·9	22·9	22·9	22·7	22·8	23·0	23·0	24·0	24·0	25·0	25·0	25·2	25·2	25·3	25·4	26
27	33·1	33·1	32·0	32·0	31·9	32·0	30·0	30·0	29·0	29·0	28·0	28·0	27·0	27·0	27·4	27·4	26·0	26·0	26·3	26·3	26·8	26·8	26·3	26·3	27
28	24·0	24·0	25·2	25·2	24·9	25·0	24·4	24·4	25·1	25·1	27·0	27·0	28·7	28·7	30·1	30·1	31·2	31·2	31·6	31·6	32·0	32·0	32·0	32·0	28
29	29·0	29·0	28·1	28·1	28·3	28·3	27·2	27·2	27·8	28·0	27·1	27·1	27·2	27·2	28·1	28·1	28·5	28·5	29·0	29·0	29·0	29·0	30·4	30·4	29
30	34·2	29·5	34·3	30·2	31·9	30·8	32·0	28·9	32·1	28·1	31·7	28·0	31·0	27·8	31·0	28·9	30·9	30·1	31·0	30·7	31·7	31·6	32·5	32·0	30
31	29·0	29·0	27·1	27·1	26·6	26·6	26·4	26·4	25·0	25·0	25·0	25·0	25·8	25·8	26·8	26·8	28·2	28·2	29·9	29·9	30·9	30·9	30·1	30·1	31
Means.	23·8	23·1	23·8	22·9	23·7	22·8	23·6	22·6	23·1	22·4	23·1	22·2	23·0	22·3	23·4	22·6	23·8	23·1	24·4	23·6	24·9	24·0	24·9	24·4	Means.

MARCH 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·4	27·8	28·3	28·3	28·0	28·0	29·0	28·1	28·9	28·0	28·8	28·9	28·4	28·4	28·4	28·8	28·9	28·9	29·8	29·9	30·0	30·0	31·8	31·8	29·8	29·8	1
2	34·0	34·0	33·0	33·0	33·2	33·2	33·1	33·1	34·0	34·0	34·0	34·0	34·1	34·1	33·1	33·1	32·9	32·9	32·9	32·9	32·0	32·0	31·6	32·2	32·6	32·6	2
3	32·5	32·4	32·1	32·2	31·0	32·1	30·1	30·1	29·9	29·9	29·0	29·0	29·6	29·6	29·5	29·5	29·0	29·0	27·8	27·9	28·0	27·8	29·7	27·3	31·0	31·0	3
4	27·5	27·8	29·8	27·0	29·0	27·9	26·9	27·0	25·9	26·0	31·9	27·2	35·3	30·2	34·1	29·0	33·5	29·0	34·2	29·0	34·2	27·2	33·5	27·0	29·7	27·6	4
5	35·6	29·9	34·0	28·9	34·1	29·0	33·9	29·0	32·8	28·0	32·9	26·5	32·0	26·3	33·0	26·8	32·5	26·9	32·0	26·9	32·9	27·0	32·0	27·0	33·3	27·4	5
6	33·2	28·0	34·2	27·0	35·4	27·9	35·3	27·0	36·2	28·0	37·0	27·9	38·1	29·1	34·8	27·9	34·0	30·2	35·8	30·0	36·2	30·7	33·8	31·7	34·4	28·3	6
7	30·7	30·7	31·0	31·0	31·0	31·1	30·8	30·8	30·1	30·1	34·3	32·2	29·1	29·1	27·5	27·5	34·9	32·9	32·4	31·0	33·9	31·4	33·0	31·0	31·5	30·1	7
8	27·1	24·0	30·2	25·1	22·2	22·7	22·7	22·9	22·3	22·5	22·2	22·2	22·9	22·9	22·1	22·1	21·8	21·8	22·1	22·1	21·9	22·0	22·1	22·1	27·6	24·6	8
9	27·1	27·1	26·9	26·9	27·4	27·4	27·5	27·6	26·9	26·9	27·1	27·1	27·0	27·0	26·9	26·9	26·1	26·1	26·0	26·0	23·5	23·5	22·1	22·1	25·4	25·4	9
10	16·3	16·6	16·9	16·9	16·7	16·7	16·8	16·8	16·3	16·7	16·2	16·1	16·2	16·1	16·0	16·0	15·3	15·3	15·1	15·0	15·1	15·1	15·3	15·3	16·8	16·9	10
11	13·2	13·2	13·6	13·6	12·3	12·3	12·4	12·4	12·9	12·9	13·0	13·0	12·1	12·1	11·1	11·1	10·4	10·4	10·1	10·1	9·1	9·1	9·6	9·6	13·1	13·1	11
12	14·2	11·5	15·0	12·8	14·4	13·2	14·8	14·8	12·4	12·8	12·3	12·7	12·2	12·2	13·2	13·2	12·7	12·8	11·2	11·2	11·2	11·2	10·4	10·6	11·8	11·5	12
13	13·6	13·6	14·1	14·1	14·3	14·3	15·2	15·2	15·5	15·5	15·7	15·7	16·0	16·0	16·1	16·1	16·5	16·5	16·3	16·3	15·3	15·3	15·5	15·5	13·1	13·1	13
14	15·1	15·1	15·0	15·0	14·3	14·3	15·0	14·9	14·5	14·5	14·2	14·2	14·1	14·1	13·4	13·4	13·4	13·4	13·3	13·3	12·2	12·3	10·4	10·4	14·7	14·6	14
15	15·1	14·4	14·7	14·6	15·1	15·0	15·3	15·0	15·6	14·9	15·9	15·0	14·5	15·0	15·0	15·0	14·9	14·9	15·1	15·0	15·0	15·0	14·8	14·9	12·9	12·8	15
16	19·0	17·8	18·9	17·8	18·5	18·1	17·1	16·9	18·1	17·8	18·1	18·1	20·0	20·0	20·1	20·1	20·6	20·6	20·1	20·1	19·9	19·9	19·3	19·3	17·8	17·3	16
17	25·0	25·0	25·1	25·2	25·6	25·9	24·7	24·7	24·1	24·1	23·3	23·3	23·1	23·1	22·2	22·2	22·4	22·5	22·4	22·4	22·3	22·3	22·9	22·9	22·6	22·7	17
18	23·6	23·7	24·1	24·1	23·6	23·7	24·9	24·2	23·8	23·8	23·6	23·7	23·1	23·1	23·1	23·1	23·4	23·4	23·0	23·0	22·8	22·8	22·8	22·1	23·0	23·0	18
19	26·0	26·0	24·8	24·9	24·6	24·7	24·2	24·3	23·5	23·5	23·0	23·0	23·0	23·0	22·3	22·0	21·9	21·9	21·2	20·4	21·1	20·4	21·2	21·0	23·4	23·1	19
20	22·2	22·2	22·3	22·3	21·9	21·9	22·0	22·0	21·0	21·0	21·4	21·4	20·8	20·8	19·9	19·9	19·5	19·5	19·8	19·8	20·0	20·0	20·1	20·1	20·9	20·7	20
21	18·1	18·1	18·8	18·8	18·8	18·8	18·0	18·1	17·8	18·0	17·4	17·4	17·8	17·8	17·0	17·0	16·5	16·5	16·3	16·3	16·8	16·8	16·2	16·2	17·4	17·5	21
22	20·0	20·0	21·9	22·0	22·9	22·9	24·1	24·1	24·3	24·3	24·8	24·8	22·8	22·8	24·0	24·0	23·8	23·8	23·0	23·0	23·6	23·6	23·1	23·1	19·3	19·3	22
23	23·2	23·7	24·8	24·8	24·4	24·7	24·9	25·0	25·0	25·0	25·3	25·3	25·7	25·7	26·0	26·0	25·8	25·9	25·2	25·2	25·0	25·0	25·1	25·0	24·3	24·4	23
24	25·3	25·3	25·5	25·8	25·5	25·8	25·8	25·8	25·3	25·3	25·4	25·4	24·6	24·8	25·0	25·0	24·7	24·7	24·5	24·5	24·1	24·1	24·2	24·2	24·3	24·3	24
25	28·0	28·0	28·7	28·7	27·9	28·0	26·5	26·5	24·8	24·8	24·8	24·8	25·0	25·0	24·5	24·4	24·8	24·8	24·3	24·3	24·7	24·7	24·1	24·1	25·8	25·8	25
26	26·2	26·2	26·2	26·2	27·4	27·8	27·7	27·8	28·0	28·0	29·0	29·0	30·0	30·0	31·2	31·2	32·0	32·0	32·1	32·1	33·2	33·2	33·6	33·7	26·7	26·7	26
27	26·4	26·4	26·0	26·0	26·1	26·1	25·6	25·8	25·2	25·2	25·0	25·0	24·9	25·0	24·1	24·1	24·3	24·3	25·0	25·0	25·0	25·0	24·6	24·6	26·9	26·9	27
28	32·0	32·0	32·3	32·1	32·2	32·2	32·1	32·1	32·1	32·1	32·1	32·1	32·0	32·0	32·0	32·0	31·2	32·0	31·0	31·0	30·5	30·5	29·9	30·0	29·8	29·8	28
29	30·6	30·6	31·1	31·1	31·2	31·2	30·0	30·3	30·3	30·3	29·2	29·2	28·3	28·3	28·0	28·0	27·0	27·1	26·2	25·6	36·0	31·0	35·8	32·0	29·3	28·9	29
30	32·6	32·2	32·5	32·2	32·9	32·7	32·5	32·3	32·0	32·1	31·0	31·0	30·0	30·0	31·0	31·0	31·0	31·0	31·2	31·2	31·9	31·9	32·0	32·0	31·9	30·7	30
31	25·2	25·2	23·0	23·0	22·1	22·1	20·9	20·8	19·2	19·2	18·8	18·8	18·9	18·9	18·0	18·0	18·0	18·0	18·1	18·2	18·5	18·5	18·6	18·6	23·8	23·8	31
Means.	24·7	24·1	25·0	24·2	24·6	24·2	24·5	24·0	24·2	23·7	24·4	23·7	24·2	23·6	24·0	23·4	24·0	23·5	23·8	23·2	24·0	23·2	23·8	23·1	24·0	23·3	Means.

APRIL 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	18·0	18·0	17·8	17·9	18·1	18·0	18·8	18·8	18·9	18·9	18·6	18·6	17·5	17·5	17·9	17·9	19·5	18·0	19·5	19·5	20·2	20·0	21·3	21·2	1
2	27·0	27·0	26·2	26·2	25·4	25·4	25·2	25·2	25·1	25·1	25·0	25·0	24·8	24·8	24·8	24·8	25·3	25·3	25·3	25·3	26·3	26·3	27·7	27·7	2
3	28·9	28·9	29·0	29·0	29·0	29·0	29·1	29·1	29·0	29·0	28·8	28·8	28·2	28·2	28·4	28·4	28·7	28·7	28·7	28·7	28·7	28·7	29·3	29·3	3
4	30·2	30·2	30·6	30·6	30·7	30·7	30·9	30·9	30·7	30·7	27·1	27·1	26·0	26·0	26·2	26·2	26·0	26·0	25·0	25·0	24·1	24·1	23·1	23·1	4
5	16·7	16·7	16·1	16·1	16·3	16·3	16·2	16·2	16·9	16·8	17·1	17·1	16·9	16·8	17·0	17·0	16·8	16·7	16·3	16·4	17·0	16·9	17·0	17·0	5
6	15·4	15·3	15·1	15·1	15·0	15·0	14·9	14·9	14·1	14·1	13·4	13·4	13·1	13·1	13·1	13·1	14·5	14·4	15·0	15·0	15·9	15·9	16·4	16·8	6
7	13·2	13·2	13·4	13·4	13·2	13·2	13·2	13·2	13·3	13·3	13·3	13·3	13·9	13·9	14·4	14·4	15·4	15·4	16·8	16·8	17·9	17·9	19·3	19·3	7
8	24·3	18·5	23·2	19·8	24·0	19·1	22·1	19·0	25·1	19·8	28·9	20·6	26·9	21·8	25·0	21·0	24·0	20·7	20·7	21·0	26·3	22·0	28·9	25·2	8
9	26·2	25·8	27·8	25·7	26·0	25·8	28·0	26·8	28·3	25·0	28·0	25·7	28·9	26·9	28·0	26·1	29·1	26·0	32·0	24·4	35·2	26·0	34·0	29·7	9
10	35·8	30·4	35·1	31·8	35·0	31·3	35·2	32·0	34·4	32·1	35·1	32·0	36·8	32·9	37·0	32·9	38·1	33·0	38·5	33·0	38·2	32·5	38·1	33·6	10
11	34·4	31·0	34·1	30·0	34·7	29·3	34·6	29·3	33·0	29·3	34·8	29·0	34·1	29·7	34·3	29·8	35·0	28·6	36·0	29·0	36·8	30·1	37·0	32·7	11
12	33·7	31·0	33·1	30·7	33·9	30·0	33·8	29·4	31·7	29·5	32·0	27·3	33·2	28·2	32·8	28·9	35·2	31·4	42·0	32·5	34·3	32·1	36·4	32·1	12
13	23·2	23·2	22·1	22·1	22·9	22·5	20·4	20·0	19·3	19·0	19·7	19·4	22·4	18·3	19·7	18·1	17·3	17·7	20·3	18·0	19·5	19·2	20·1	18·9	13
14	15·4	15·6	15·1	15·1	15·7	15·9	15·7	15·9	15·1	15·1	15·1	15·1	15·0	15·0	14·6	14·9	16·0	16·0	17·8	17·0	21·9	20·9	23·0	22·7	14
15	20·8	20·8	22·2	22·1	22·7	22·7	22·9	22·9	23·0	23·0	23·3	23·3	23·9	23·9	23·9	23·9	24·1	24·1	25·8	25·8	27·4	27·8	27·0	27·2	15
16	28·0	28·0	27·9	27·9	27·3	27·3	27·1	27·1	26·8	26·8	26·1	26·3	26·2	26·6	26·1	26·5	26·2	26·7	26·7	27·1	26·9	27·1	27·4	27·7	16
17	26·9	26·9	26·0	26·0	25·9	25·9	25·9	25·9	26·3	26·3	26·2	26·2	26·8	27·0	26·2	26·8	26·5	26·9	28·0	28·5	29·1	29·4	29·9	30·0	17
18	28·9	28·9	29·0	29·0	28·9	28·9	29·0	29·0	29·0	29·0	29·2	29·2	29·8	29·8	29·8	29·8	30·0	30·1	30·7	30·9	30·6	30·6	31·0	31·0	18
19	31·4	31·4	31·5	31·7	31·5	31·7	31·5	31·5	30·9	30·9	30·0	30·0	29·8	29·8	29·8	29·8	30·0	30·0	30·3	30·3	30·8	30·8	31·0	31·0	19
20	34·3	34·3	34·2	34·2	34·1	34·1	34·0	34·0	33·9	33·9	33·8	33·8	33·8	33·8	34·0	34·0	34·0	34·0	34·4	34·4	34·4	34·4	34·9	34·9	20
21	25·0	25·0	24·7	24·8	24·3	24·3	24·1	24·1	23·8	23·8	23·8	23·9	23·8	23·8	23·9	24·0	24·1	24·1	24·7	24·7	25·7	25·7	27·0	27·0	21
22	31·0	31·0	30·7	30·8	30·2	30·2	29·9	29·9	30·0	30·0	30·1	30·1	30·0	30·0	30·4	30·4	30·9	30·9	30·0	30·0	30·8	30·8	31·0	31·1	22
23	27·0	27·0	27·1	27·1	27·1	27·0	26·3	26·3	25·8	25·9	25·3	25·3	25·4	25·7	25·0	25·1	27·1	27·1	27·4	27·4	28·0	28·0	28·2	28·2	23
24	25·0	25·0	25·6	25·6	25·0	25·0	24·2	24·2	25·0	25·0	26·0	26·0	25·5	25·5	26·5	26·8	26·4	26·7	26·8	27·2	25·8	26·0	26·1	26·1	24
25	19·0	19·0	19·0	19·0	19·8	19·8	20·2	20·2	20·0	20·0	20·0	20·0	20·2	20·2	21·1	21·1	20·9	21·0	21·6	21·7	22·1	22·7	20·7	20·9	25
26	19·0	19·0	19·0	19·0	18·3	18·3	18·0	18·0	18·9	18·9	18·1	18·2	19·9	19·9	20·0	20·0	21·4	21·7	22·4	22·6	25·1	25·3	23·0	23·0	26
27	16·0	16·0	17·2	17·2	17·7	17·7	17·3	17·3	16·2	16·2	17·1	17·1	17·7	17·7	17·9	17·9	18·9	19·0	19·2	19·2	22·1	22·1	24·1	24·1	27
28	22·9	22·9	22·8	22·9	22·5	22·5	22·9	23·0	21·8	21·9	20·8	20·8	22·0	22·0	24·0	24·1	29·7	29·7	29·7	29·0	26·8	27·0	26·0	25·0	28
29	24·9	24·9	24·1	24·2	24·0	24·0	23·2	23·2	23·0	23·0	23·2	23·2	23·1	23·1	24·9	24·7	24·8	24·8	25·9	25·9	25·9	25·9	27·1	26·8	29
30	21·1	19·9	21·1	20·0	21·1	20·1	21·0	20·1	21·1	20·0	21·9	21·0	21·2	21·2	22·1	21·8	25·8	24·6	26·7	25·9	29·0	26·1	27·2	25·8	30
31																									31
Means.	24·8	24·2	24·7	24·2	24·7	24·0	24·5	23·9	24·3	23·7	24·4	23·6	24·6	23·8	24·6	24·0	25·4	24·6	26·1	25·1	26·8	25·7	27·1	26·3	Means.

APRIL 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	23·0	22·0	23·7	20·2	25·1	23·9	28·9	29·0	28·7	28·7	28·5	28·5	28·9	28·9	28·0	28·0	28·0	28·0	27·1	27·1	26·9	27·0	27·1	27·1	22·9	22·6	1
2	28·0	28·0	28·2	28·2	28·2	28·2	28·1	28·1	28·1	28·1	28·4	28·4	28·9	28·9	28·6	28·6	28·0	28·0	27·9	27·9	28·2	28·2	28·2	28·2	27·0	27·0	2
3	30·0	30·0	30·0	30·0	30·1	30·1	30·2	30·2	30·2	30·2	29·8	29·8	29·8	29·8	30·0	30·0	29·9	29·9	30·8	30·8	30·9	30·9	30·7	30·7	29·5	29·5	3
4	24·2	24·2	21·9	22·0	21·9	21·9	21·2	21·2	20·1	20·1	19·9	20·0	19·3	19·3	19·2	19·2	18·2	18·2	18·1	18·1	17·3	17·3	17·0	17·0	23·7	23·7	4
5	17·4	17·4	17·2	17·2	17·1	17·1	17·1	17·1	17·3	17·3	18·0	18·0	18·0	18·0	17·5	17·5	17·8	17·8	16·6	16·3	17·0	17·0	15·6	15·6	17·0	16·9	5
6	16·1	16·1	16·4	16·4	16·6	16·9	16·1	16·1	15·6	15·9	15·2	15·2	14·5	14·6	14·2	14·2	13·4	13·4	13·3	13·4	13·2	13·2	13·1	13·0	14·7	14·8	6
7	21·1	21·1	20·5	20·5	20·3	20·3	20·1	20·2	20·1	20·1	20·0	20·0	19·8	19·8	19·1	19·1	19·0	19·0	19·3	19·3	19·9	19·8	21·4	18·5	17·4	17·3	7
8	29·0	25·8	28·2	26·0	26·0	25·8	26·8	26·0	27·0	26·4	27·2	27·0	26·5	26·6	27·9	26·7	27·1	26·4	26·0	26·2	26·0	26·2	26·0	26·0	26·0	23·5	8
9	32·0	31·5	32·8	30·0	33·3	30·9	33·9	31·2	34·0	31·0	33·9	31·0	33·8	31·0	33·5	31·2	35·6	32·0	35·6	32·1	36·1	31·8	35·7	32·0	31·7	28·7	9
10	37·0	32·8	37·8	33·8	38·2	34·1	38·1	34·3	37·2	34·0	37·1	35·6	36·2	33·0	36·0	33·0	34·7	31·0	35·0	31·2	34·0	31·3	34·1	31·2	36·4	32·6	10
11	37·5	33·7	38·5	34·7	38·6	34·7	38·6	35·3	37·9	34·8	37·0	34·2	37·0	33·2	36·2	33·1	35·9	33·0	34·0	32·1	33·9	31·9	33·2	31·3	35·7	31·7	11
12	34·8	32·7	34·3	32·3	35·3	32·3	34·3	31·8	34·2	32·0	33·8	32·1	31·0	30·7	30·0	30·0	29·9	29·3	30·3	29·2	25·4	25·9	24·3	24·8	32·9	30·3	12
13	21·1	20·0	20·9	20·2	21·0	20·3	20·9	20·1	20·8	20·0	19·1	19·0	18·2	18·2	18·2	18·6	17·6	18·0	16·8	17·0	16·4	16·5	15·2	15·2	19·7	19·1	13
14	24·1	23·2	24·5	23·6	25·1	23·9	24·8	23·0	23·4	23·1	22·9	23·0	25·0	21·0	22·5	21·2	20·9	21·0	20·8	20·9	20·7	20·9	20·4	20·4	19·8	19·4	14
15	28·0	28·2	28·5	28·9	28·5	28·7	28·9	29·0	28·3	28·6	28·6	28·6	28·1	28·1	27·9	27·9	27·8	27·8	27·2	27·2	27·7	27·7	27·9	27·9	26·0	26·1	15
16	27·8	27·8	28·1	28·1	28·3	28·3	28·6	28·7	28·9	29·1	29·0	29·0	28·9	28·9	28·8	28·8	27·2	27·2	27·8	27·8	27·7	27·7	27·2	27·2	27·5	27·7	16
17	30·1	30·0	30·0	30·0	30·2	30·0	30·1	29·9	30·0	30·0	30·0	30·0	29·4	29·4	29·8	29·8	30·0	30·0	30·1	30·1	29·8	29·9	29·0	29·0	28·4	28·5	17
18	31·0	31·0	31·1	31·1	31·1	31·1	30·7	30·8	30·3	30·5	30·0	30·0	30·2	30·2	30·9	30·9	31·1	31·1	31·1	31·1	31·4	31·4	31·7	31·7	30·3	30·3	18
19	30·6	30·7	30·8	30·9	30·8	30·9	30·9	31·0	31·4	31·4	31·9	31·9	32·0	32·0	33·0	33·0	33·8	33·8	33·9	33·9	34·1	34·1	34·2	34·2	31·5	31·5	19
20	34·9	34·9	34·2	34·2	33·9	33·9	31·9	32·1	31·9	32·0	31·8	31·8	31·7	31·7	32·0	32·0	32·1	32·1	32·0	32·0	27·0	27·0	25·0	25·1	32·8	32·9	20
21	28·1	28·1	29·1	29·1	29·7	29·7	30·5	30·5	30·8	30·8	32·0	32·0	32·1	32·1	32·0	32·0	32·1	32·1	32·1	32·1	31·7	31·8	31·1	31·2	27·8	27·8	21
22	31·0	31·1	31·0	31·1	30·7	30·8	29·0	29·1	28·9	29·0	27·3	27·3	26·4	26·8	26·0	26·0	26·9	27·0	27·0	27·0	27·1	27·1	27·1	27·1	29·3	29·4	22
23	30·8	30·4	27·8	27·8	27·9	28·0	27·9	27·9	28·8	28·8	27·3	27·4	27·9	27·9	27·4	27·4	25·8	25·8	26·1	26·1	26·1	26·1	26·0	26·0	27·1	27·1	23
24	24·9	25·0	24·4	24·6	22·9	23·0	22·3	22·5	20·9	21·0	20·2	20·2	18·9	19·0	18·1	18·1	17·9	17·9	18·2	18·2	19·0	19·0	19·1	19·1	23·1	23·2	24
25	21·8	22·0	22·8	22·9	21·9	22·0	21·7	22·0	20·2	20·2	20·9	20·9	20·5	20·6	20·0	20·0	19·1	19·1	18·6	18·7	18·4	18·4	18·9	19·0	20·4	20·5	25
26	22·2	22·2	23·9	23·9	23·1	23·3	21·8	21·9	22·0	22·2	21·1	21·3	20·1	20·2	20·0	20·0	19·9	19·9	18·3	18·3	19·0	19·0	17·1	17·1	20·5	20·6	26
27	25·0	25·0	22·1	22·0	22·0	22·0	23·1	23·1	23·2	23·2	22·8	22·8	22·2	22·2	23·3	23·3	24·1	24·1	23·8	23·8	23·2	23·2	23·1	23·1	20·8	20·8	27
28	26·9	25·0	27·6	25·7	29·3	27·4	30·0	27·0	27·0	27·1	27·1	27·3	26·0	26·0	25·9	25·9	25·4	25·4	25·3	25·3	25·1	25·1	24·9	24·9	25·5	25·1	28
29	26·1	25·9	25·1	25·1	25·1	24·7	25·1	24·9	25·3	25·0	24·8	24·0	24·4	22·8	23·3	21·9	23·1	21·3	22·9	21·0	21·5	20·6	21·0	20·0	24·2	23·8	29
30	29·0	26·8	26·0	25·1	28·1	26·2	29·8	27·0	27·4	25·1	26·9	25·0	24·8	24·1	24·2	24·5	23·8	24·0	22·9	22·9	21·1	21·2	22·1	22·1	24·4	23·4	30
31																											31
Means.	27·4	26·8	27·2	26·5	27·3	26·7	27·4	26·7	27·0	26·5	26·8	26·4	26·4	25·8	26·1	25·7	25·9	25·5	25·6	25·2	25·2	24·9	24·9	24·5	25·8	25·2	Means.

MAY 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	21·2	21·2	21·0	21·0	21·1	20·1	20·2	19·0	20·9	21·0	22·0	22·0	23·0	23·0	24·0	24·0	25·1	25·2	25·7	26·0	26·1	26·3	29·2	29·2	1
2	24·3	23·9	25·0	25·0	26·0	26·0	26·0	26·0	26·7	26·8	26·8	26·9	27·3	27·3	27·5	27·8	27·9	28·0	28·1	28·6	28·2	28·8	28·8	29·0	2
3	28·1	28·1	27·6	27·6	27·5	27·5	26·9	27·0	26·1	26·1	27·1	27·1	26·8	26·8	28·6	27·1	29·3	28·0	29·3	27·9	29·8	28·3	29·8	29·0	3
4	27·1	27·1	27·1	26·6	27·0	26·8	26·8	26·0	27·0	26·0	27·0	25·8	26·9	24·8	28·2	26·4	28·2	27·1	31·0	29·0	28·8	28·7	31·2	30·8	4
5	27·3	27·3	27·2	27·2	26·6	26·6	26·4	26·4	27·0	27·0	27·0	27·0	27·2	27·2	27·3	27·9	28·0	28·1	29·2	29·4	29·5	30·0	29·8	29·9	5
6	29·4	29·3	29·1	29·1	29·1	29·1	29·0	29·0	29·0	29·0	28·1	28·1	28·4	28·6	28·8	28·8	29·9	29·9	30·2	30·2	31·3	31·3	32·0	32·0	6
7	32·1	32·1	32·2	32·2	32·2	32·2	32·2	32·2	32·0	32·0	32·1	32·1	32·1	32·1	32·1	32·1	31·8	32·0	31·9	32·0	32·1	32·1	32·6	33·0	7
8	35·4	35·4	35·9	36·0	36·9	37·0	37·0	37·0	37·0	37·0	36·4	36·4	36·2	36·2	36·4	36·6	36·1	36·1	36·2	36·2	36·1	36·1	36·0	36·1	8
9	29·1	29·1	28·9	28·9	28·1	28·2	28·2	28·2	29·0	29·0	29·0	29·0	29·0	29·0	28·3	28·3	28·2	28·2	30·0	30·0	30·2	30·3	30·5	31·0	9
10	31·8	31·8	31·2	31·2	31·1	31·2	30·8	30·8	30·2	30·3	30·9	30·9	30·2	30·2	31·0	31·0	31·2	31·2	31·9	31·9	31·9	31·9	32·0	32·0	10
11	29·0	29·0	28·7	28·8	28·8	28·9	28·9	29·0	29·5	29·5	30·7	30·7	32·0	32·0	32·0	32·0	32·6	32·1	36·1	35·8	36·6	36·1	37·2	37·2	11
12	33·6	33·6	32·0	32·0	31·0	31·0	31·3	31·2	30·8	30·9	30·5	30·6	30·0	30·0	30·2	30·2	29·1	29·1	29·8	29·8	30·7	30·8	31·1	31·1	12
13	23·2	23·2	22·1	22·1	21·1	21·1	20·3	20·3	19·7	19·7	19·3	18·0	21·3	18·0	21·3	19·0	20·7	20·2	22·2	21·8	27·4	23·4	27·8	23·0	13
14	35·2	35·2	36·9	36·9	36·7	36·7	36·0	36·0	36·8	36·8	36·0	36·0	36·0	36·0	36·2	36·2	36·6	36·6	36·6	36·6	36·7	36·7	36·9	37·1	14
15	35·4	35·4	36·1	36·1	36·0	36·0	36·4	36·4	36·7	36·7	36·9	36·9	36·8	36·0	37·7	36·8	38·2	37·2	38·3	37·5	39·4	38·8	40·0	39·3	15
16	34·0	32·9	35·3	33·8	35·0	33·1	35·3	33·8	35·8	34·0	36·0	34·0	36·2	34·2	37·4	35·0	38·0	35·5	38·2	36·2	38·9	87·9	39·2	38·2	16
17	30·3	30·2	30·3	30·0	33·0	31·5	34·3	32·1	34·0	33·0	34·8	34·7	35·0	35·0	34·9	34·9	34·7	34·7	35·0	35·0	34·9	34·9	34·0	34·0	17
18	27·1	27·1	27·9	27·9	27·1	27·1	27·8	27·8	27·1	27·1	27·6	27·6	27·5	27·5	28·1	28·1	29·0	29·0	30·0	30·0	29·9	29·9	30·6	30·7	18
19	31·5	31·5	31·9	31·9	28·9	28·9	26·9	26·9	25·4	25·4	25·3	25·3	24·0	24·0	23·5	23·5	24·5	24·4	24·0	24·0	24·2	24·2	24·0	24·0	19
20	20·2	20·2	20·3	20·3	20·7	20·7	21·3	21·3	21·2	21·2	20·5	20·5	20·7	20·7	20·1	20·1	20·6	20·6	20·7	20·7	20·8	20·8	21·0	21·0	20
21	20·1	20·1	19·8	19·9	20·0	20·0	19·8	19·8	20·0	20·0	20·4	20·4	19·8	19·8	20·2	20·2	21·8	21·8	23·5	23·5	23·9	23·9	24·5	24·5	21
22	21·9	21·9	22·1	22·1	22·1	22·1	22·1	22·1	21·3	21·3	21·6	21·6	22·2	22·2	23·9	23·9	24·4	24·4	25·2	25·2	25·8	25·8	25·8	25·8	22
23	28·0	26·0	27·8	25·7	27·0	27·1	28·7	28·9	28·0	28·0	28·8	28·8	30·0	30·0	31·1	31·1	31·8	31·8	31·6	32·0	31·1	31·2	31·9	32·0	23
24	38·2	38·2	38·1	38·1	39·7	39·7	40·0	40·0	39·2	39·2	40·0	40·0	40·1	40·1	39·4	39·4	39·9	39·9	39·9	39·9	40·5	40·5	41·1	41·1	24
25	39·9	39·0	39·1	38·8	39·1	39·1	38·8	38·8	38·9	38·9	38·3	38·3	38·3	38·3	38·4	38·4	38·9	38·9	39·2	39·2	39·4	39·4	39·8	39·8	25
26	38·0	38·0	39·8	39·8	39·0	39·0	37·2	37·2	36·8	36·8	36·0	36·0	26·8	36·7	35·0	35·0	35·2	35·2	35·2	35·1	37·2	36·0	40·2	37·3	26
27	37·4	37·4	37·0	37·0	36·8	36·8	36·2	36·3	35·2	35·2	35·0	35·0	36·0	36·0	36·0	36·0	37·6	37·3	37·8	37·4	37·7	37·2	40·1	38·1	27
28	40·5	35·0	42·1	29·5	39·4	29·2	39·4	30·0	43·5	32·0	43·2	31·0	42·1	31·2	42·0	32·0	38·7	31·9	38·4	32·1	41·2	33·1	42·8	35·0	28
29	41·0	32·0	38·0	31·1	33·0	27·3	36·5	28·2	35·7	27·9	39·0	28·1	39·8	28·2	38·0	28·0	37·8	28·2	36·3	28·2	36·1	27·7	35·8	30·6	29
30	36·9	32·0	36·8	35·0	36·8	34·0	37·2	33·8	37·9	35·8	34·0	33·0	35·4	32·1	35·3	33·5	38·7	33·1	37·0	34·8	36·0	35·0	39·2	37·2	30
31	35·2	32·9	34·5	33·0	35·0	32·9	34·6	33·0	34·3	33·1	34·6	33·9	35·6	34·2	36·9	35·0	37·7	35·9	37·9	36·8	39·7	37·8	39·5	36·6	31
Means.	31·0	30·2	31·0	30·1	30·7	29·9	30·7	29·8	30·7	29·9	30·8	29·9	31·1	29·9	31·3	30·3	31·7	30·7	32·1	31·4	32·6	31·8	33·4	32·4	Means.

MAY 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	28·8	28·8	28·9	28·6	28·4	28·6	27·4	27·7	27·1	27·1	26·0	26·3	25·6	25·9	25·1	25·1	25·1	25·1	24·2	24·2	23·3	23·5	23·1	23·1	24·7	24·7	1
2	28·8	29·0	28·0	28·0	27·8	27·9	28·0	28·0	28·1	28·1	27·9	27·9	27·8	27·8	27·8	27·7	27·7	27·8	28·0	28·0	28·0	28·0	28·0	28·0	27·4	27·5	2
3	30·0	29·0	30·0	29·4	31·0	30·1	30·0	30·0	29·5	29·2	29·4	29·4	29·0	29·1	28·6	28·7	28·1	28·1	28·0	28·0	27·0	27·0	27·2	27·0	28·5	28·1	3
4	32·0	31·0	29·2	29·2	30·7	30·1	31·7	31·0	29·0	29·0	29·7	29·0	28·9	29·0	28·3	28·3	28·0	28·0	27·2	27·2	27·4	27·4	28·0	28·0	28·6	28·0	4
5	31·1	30·3	31·0	29·2	32·5	30·0	32·0	30·0	32·1	30·2	31·9	30·2	31·0	30·2	30·2	30·2	31·0	31·0	30·3	30·3	30·1	30·1	29·9	29·9	29·4	29·0	5
6	32·4	32·1	32·3	32·1	33·0	32·8	32·8	32·8	32·7	32·7	32·9	32·9	32·6	32·7	32·1	32·1	32·0	32·0	32·0	32·0	32·0	32·0	32·1	32·1	31·0	30·9	6
7	33·0	33·0	33·1	33·2	33·2	33·2	33·1	33·1	33·9	33·9	33·4	33·6	32·7	32·7	31·1	32·0	31·0	31·0	30·9	30·9	31·2	31·2	34·2	34·0	32·3	32·4	7
8	36·4	36·7	36·8	36·8	36·5	36·5	36·2	36·2	36·1	36·1	35·6	35·6	36·0	36·0	36·1	36·1	34·0	34·0	32·2	32·2	32·1	32·1	28·9	29·0	35·5	35·6	8
9	31·1	31·2	31·0	31·1	30·8	30·8	30·0	30·0	29·0	29·0	28·8	28·8	28·6	28·6	29·9	29·9	30·6	30·6	31·0	31·0	31·2	31·2	31·6	31·7	29·7	29·7	9
10	32·0	32·0	31·7	31·7	31·2	31·3	30·3	30·3	30·0	30·0	30·3	30·3	29·7	29·7	29·9	29·9	29·4	29·4	29·5	29·5	29·0	29·0	29·2	29·2	30·7	30·7	10
11	37·7	37·8	37·5	37·5	37·3	37·3	37·9	38·0	37·0	37·0	36·0	36·0	36·2	36·2	36·0	36·0	35·9	35·9	35·0	35·0	34·2	34·2	32·3	32·3	34·0	33·9	11
12	32·1	32·0	32·0	32·1	32·2	32·0	32·3	31·7	32·3	31·3	31·3	30·0	29·0	29·0	27·0	27·1	26·5	26·5	26·0	26·0	24·4	24·4	23·4	23·8	29·9	29·8	12
13	28·0	26·2	31·2	28·7	32·7	29·9	32·1	29·2	32·3	30·0	31·8	30·9	30·6	29·8	31·2	28·7	30·9	28·2	36·2	36·1	32·0	32·0	35·3	35·3	27·1	25·6	13
14	37·0	37·0	37·1	37·1	36·8	36·8	36·8	36·8	36·8	36·8	36·5	36·5	35·8	35·8	35·1	35·1	34·7	34·7	34·3	34·3	34·2	34·2	34·3	34·1	36·1	36·1	14
15	41·3	40·0	41·0	39·9	40·3	39·5	39·9	38·9	38·8	38·7	38·5	38·1	38·0	37·4	38·0	36·3	37·3	36·0	36·8	35·2	35·8	34·3	35·0	33·7	37·9	37·1	15
16	40·5	38·9	40·6	39·4	40·4	39·0	39·3	37·8	38·8	37·0	37·9	36·5	37·0	35·7	37·0	34·9	36·8	34·0	35·4	32·9	34·0	31·9	31·9	31·0	37·0	35·3	16
17	34·0	34·0	33·5	33·5	34·0	34·0	33·0	33·0	32·0	32·0	29·9	30·0	29·5	29·6	29·7	29·7	28·2	28·2	28·9	28·9	27·2	27·2	28·0	28·0	32·2	32·0	17
18	30·0	30·1	30·0	30·0	30·0	30·0	30·1	30·1	30·0	30·0	30·0	30·0	30·0	30·0	30·8	30·8	30·1	30·1	30·3	30·3	30·7	30·7	31·1	31·1	29·3	29·3	18
19	24·0	24·0	22·7	22·8	23·8	23·8	24·4	24·4	23·7	23·7	24·0	24·0	23·0	23·0	22·2	22·2	21·9	22·0	22·0	22·1	21·8	21·8	21·5	21·7	24·5	24·6	19
20	21·7	21·7	21·2	21·1	21·3	21·3	22·2	22·2	21·6	21·6	21·5	21·5	21·9	21·9	21·0	21·0	21·2	21·2	21·2	21·2	21·1	21·1	20·3	20·3	21·0	21·0	20
21	24·7	24·7	24·8	24·8	24·9	24·8	24·2	24·2	24·0	24·0	24·0	24·0	23·7	23·7	23·2	23·2	22·2	22·2	21·1	21·1	21·3	21·3	21·2	21·2	22·2	22·2	21
22	26·0	25·9	26·8	26·7	27·3	27·0	26·0	26·2	27·0	27·1	26·9	27·0	26·9	27·0	26·0	25·7	27·0	26·0	27·0	26·0	26·0	25·1	25·0	24·3	24·8	24·7	22
23	32·2	32·1	32·9	33·0	32·9	32·9	33·0	33·1	33·2	33·3	34·0	34·0	34·1	34·1	34·2	34·2	35·0	35·0	36·1	36·1	38·9	38·9	38·5	38·5	32·1	32·0	23
24	41·1	41·1	41·4	41·4	42·0	42·0	41·9	41·9	41·0	41·0	41·8	41·8	41·0	41·0	41·1	41·1	40·0	40·0	40·0	40·0	39·9	39·2	39·8	39·0	40·3	40·2	24
25	40·3	40·3	40·8	40·8	40·8	40·8	41·1	41·1	40·9	40·9	40·7	40·7	40·3	40·3	40·6	40·3	39·7	39·5	39·2	39·2	39·5	39·2	40·3	39·3	39·7	39·6	25
26	40·4	37·0	41·8	37·9	42·0	37·0	43·9	38·0	41·8	39·8	41·1	39·9	41·7	40·0	40·0	39·0	39·8	37·6	38·7	37·0	37·9	37·7	37·9	37·9	38·9	37·5	26
27	39·3	38·9	42·8	37·8	42·8	36·9	43·0	38·1	45·3	37·6	47·0	38·0	46·7	38·0	46·9	39·1	45·0	39·1	43·9	41·0	45·1	39·9	42·1	34·4	40·5	37·4	27
28	42·1	33·1	43·2	33·0	41·9	34·9	44·0	36·2	39·8	35·4	41·5	36·0	44·1	34·4	44·9	34·3	37·4	33·0	36·0	33·0	35·1	32·0	40·0	33·1	41·0	32·9	28
29	34·8	29·9	35·0	31·8	35·2	32·2	35·0	31·9	35·8	32·6	33·6	32·2	35·8	30·1	37·9	31·0	37·9	32·1	36·8	33·1	35·3	33·0	37·2	32·1	36·6	30·3	29
30	41·4	38·9	42·7	39·7	43·0	38·2	43·8	37·9	43·3	35·9	42·3	36·9	41·3	36·0	38·0	34·2	36·9	33·9	35·9	33·1	34·8	34·2	34·3	33·3	38·3	35·1	30
31	42·0	37·9	41·4	38·2	40·9	38·0	41·9	38·6	41·5	38·3	41·3	38·9	42·0	38·2	41·1	38·0	40·9	37·9	40·0	38·0	39·8	37·9	38·1	37·1	38·6	36·3	31
Means.	33·7	32·7	34·0	32·8	34·1	32·9	34·1	32·9	33·7	32·6	33·5	32·5	33·2	32·0	32·9	31·7	32·3	31·3	32·1	31·4	31·6	31·0	31·6	30·8	32·3	31·3	Means.

JUNE 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	38·1	36·7	38·0	36·0	38·9	36·0	37·8	35·5	37·2	35·0	38·0	35·0	38·7	35·1	40·1	35·9	41·0	39·3	43·0	37·0	41·8	36·0	43·2	36·9	1
2	34·0	29·1	33·9	30·0	34·1	30·1	34·0	30·6	33·1	30·1	34·0	30·5	34·9	30·8	34·0	30·7	34·4	31·0	35·9	32·1	36·0	32·6	40·3	35·4	2
3	38·1	30·1	38·2	31·1	40·8	31·0	38·9	35·3	38·4	34·9	38·2	35·0	39·0	36·0	40·0	36·0	40·9	36·0	41·8	37·0	44·0	38·9	45·9	40·0	3
4	40·7	37·3	40·1	37·0	40·0	38·1	39·5	37·7	40·2	38·1	40·0	38·0	40·6	38·0	41·1	38·3	41·1	39·1	41·8	39·0	41·3	39·2	39·4	39·1	4
5	38·0	38·1	37·9	38·0	37·2	37·2	37·2	37·1	37·1	37·1	37·6	37·6	38·0	38·0	39·4	38·5	38·9	38·8	39·8	39·1	42·1	40·7	43·8	41·4	5
6	41·1	41·1	41·1	41·1	40·9	40·9	41·5	41·5	41·7	41·7	41·6	41·6	41·0	41·1	40·8	40·8	40·5	40·5	40·3	40·3	40·2	40·2	40·2	40·2	6
7	40·9	40·9	40·9	40·9	40·8	40·9	40·8	41·0	41·1	41·1	41·0	41·1	40·8	40·9	41·0	41·1	42·0	42·0	40·0	40·1	37·3	37·4	39·2	39·3	7
8	35·0	35·0	34·9	34·9	34·5	34·5	33·9	33·9	33·9	33·9	33·7	33·7	33·4	33·4	33·5	33·5	33·7	33·7	33·7	33·7	35·4	35·4	35·3	35·3	8
9	36·2	36·2	35·1	35·1	32·8	32·8	34·3	34·3	34·0	34·0	34·0	34·0	34·0	34·0	34·0	34·0	35·0	35·0	35·0	35·0	35·2	35·2	35·8	35·8	9
10	32·0	32·0	31·2	31·7	31·8	30·3	31·2	31·2	31·4	31·3	32·3	32·2	33·3	33·1	34·0	34·0	34·8	34·8	35·9	35·9	37·0	37·0	37·0	37·0	10
11	35·8	34·0	35·5	35·0	35·6	35·6	36·4	36·4	38·0	38·1	38·8	38·8	38·9	38·9	38·9	38·9	38·6	38·6	38·7	38·7	39·0	39·0	40·2	40·2	11
12	39·6	39·6	39·8	39·8	39·9	40·0	39·9	40·0	39·8	39·8	39·6	39·6	40·3	40·3	40·6	40·6	41·0	41·0	40·5	40·5	40·3	40·3	39·8	39·8	12
13	40·3	40·3	39·6	39·6	38·0	38·0	36·8	36·6	34·8	34·8	35·0	35·0	35·6	35·6	36·1	36·1	36·9	36·9	37·1	37·1	36·8	36·8	37·8	37·9	13
14	33·7	33·0	34·2	33·0	35·4	32·8	36·0	32·1	36·0	32·2	36·9	33·0	37·8	34·6	39·0	35·4	39·8	36·8	41·3	39·0	43·5	42·0	43·9	40·6	14
15	40·9	40·9	40·5	40·5	41·0	41·0	40·8	40·8	40·3	40·3	38·3	38·3	38·3	38·3	37·6	37·6	38·1	38·1	39·2	39·2	39·6	39·6	39·9	39·9	15
16	42·4	41·3	42·8	41·5	42·0	40·8	42·8	41·1	43·4	39·3	43·5	41·8	43·1	43·1	44·6	43·6	46·5	45·8	48·6	46·1	49·3	47·2	51·0	47·4	16
17	52·5	47·7	52·1	47·9	52·3	48·2	53·1	48·9	53·4	48·1	53·8	51·4	55·1	49·0	55·9	51·1	57·6	48·2	56·9	47·5	58·0	45·9	60·7	50·2	17
18	53·1	47·2	53·0	47·1	53·7	47·7	53·6	48·9	53·8	50·4	51·8	49·0	53·1	49·7	55·2	52·6	56·7	52·9	58·2	54·1	60·4	55·7	60·5	56·2	18
19	54·1	52·6	53·5	52·2	53·0	52·1	52·9	51·3	52·7	51·1	54·3	51·3	54·4	52·1	53·9	51·9	55·1	52·7	55·9	52·5	55·9	50·9	57·4	54·1	19
20	46·6	36·1	46·2	36·0	45·2	35·9	45·9	36·2	45·7	37·1	45·9	37·6	45·5	37·7	45·4	37·4	46·4	38·1	46·8	40·7	48·9	40·6	48·7	43·8	20
21	43·1	41·3	43·0	40·1	43·1	39·2	43·7	39·9	44·0	40·2	44·8	40·1	44·9	40·3	46·2	40·1	49·7	43·1	52·1	45·0	53·6	46·1	55·6	48·7	21
22	54·5	45·5	54·0	45·3	53·7	45·1	53·3	45·5	53·9	46·6	54·2	46·3	54·7	46·7	56·1	47·7	59·1	50·9	60·5	51·9	60·1	52·5	61·5	53·9	22
23	55·0	50·1	55·1	44·2	54·2	40·3	55·0	42·0	55·1	41·9	56·2	41·1	57·2	41·6	57·9	45·1	59·4	46·1	59·6	47·2	59·4	49·4	62·4	48·7	23
24	55·3	48·8	55·1	47·3	55·3	45·2	56·2	45·3	57·1	46·1	60·6	47·1	60·9	47·9	61·4	48·1	62·3	50·0	63·0	51·9	62·9	52·0	63·7	51·9	24
25	55·3	49·1	55·1	49·1	54·1	48·9	54·4	49·1	54·9	49·0	55·3	49·9	56·5	48·0	57·0	47·2	58·7	48·7	59·2	48·0	60·0	48·2	61·0	49·0	25
26	55·1	48·9	54·0	49·1	53·6	48·8	53·2	49·0	53·4	49·7	54·2	49·3	54·5	50·2	54·6	50·1	55·9	51·1	57·3	50·1	58·2	51·0	57·1	53·1	26
27	48·8	43·3	49·3	39·8	48·4	37·3	49·0	40·9	41·9	41·1	41·1	41·2	40·5	40·5	40·7	40·8	40·2	40·3	40·2	40·3	40·1	40·1	40·7	40·7	27
28	40·1	40·1	42·5	42·5	41·9	41·9	43·2	43·2	44·3	44·3	43·0	42·3	40·8	40·6	41·3	41·3	42·1	42·1	44·4	43·2	44·0	42·9	43·2	42·3	28
29	41·1	41·1	41·0	41·1	41·2	41·2	41·2	41·2	41·5	41·5	42·8	42·5	46·5	43·0	47·9	44·4	45·6	44·6	46·9	45·5	47·3	46·2	48·2	46·8	29
30	44·9	44·9	48·8	43·0	44·8	43·0	43·5	42·9	45·0	44·4	45·2	45·2	45·9	46·0	46·6	46·6	46·9	46·9	46·8	46·8	47·2	47·1	47·9	46·9	30
31																									31
Means.	43·6	40·7	43·5	40·3	43·3	39·8	43·3	40·3	43·2	40·4	43·5	40·6	43·9	40·8	44·5	41·3	45·3	42·1	46·0	42·5	46·5	42·9	47·3	43·8	Means.

JUNE 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	44·0	37·3	42·3	36·2	41·9	36·1	43·5	37·7	41·3	37·0	40·2	36·1	39·0	34·4	36·2	33·0	35·7	32·9	35·8	32·0	35·4	31·0	34·8	30·0	39·4	35·3	1
2	41·6	36·1	41·8	36·7	41·9	36·9	42·1	36·9	40·0	36·5	39·3	36·3	39·9	32·8	39·0	32·5	37·9	33·1	39·0	32·0	38·1	31·9	37·2	31·2	37·4	32·7	2
3	41·0	39·3	42·0	38·7	45·9	40·0	44·9	41·1	44·2	39·4	43·3	39·3	42·2	39·0	41·3	37·2	41·2	34·4	41·2	36·0	40·2	36·0	40·3	37·1	41·3	36·6	3
4	38·0	38·1	38·9	39·0	39·4	49·4	39·5	39·6	39·2	39·2	38·9	39·0	38·8	38·8	38·4	38·4	38·1	38·1	38·1	38·1	38·1	38·1	38·2	38·2	39·6	38·5	4
5	44·0	40·3	42·9	41·0	44·2	41·9	42·8	41·7	41·8	40·5	41·3	40·2	42·0	41·1	41·3	40·9	42·0	40·1	42·0	40·5	41·0	40·5	41·1	41·1	40·6	39·6	5
6	40·1	40·1	40·1	40·1	41·2	41·2	41·7	41·8	41·6	41·6	41·8	41·8	41·6	41·6	41·3	41·3	41·2	41·2	41·2	41·2	41·1	41·1	41·0	41·1	41·0	41·0	6
7	40·2	40·2	38·9	38·9	38·8	38·8	35·9	35·9	35·9	35·9	36·5	36·5	36·3	36·3	37·0	37·0	36·1	36·1	35·9	35·9	35·6	35·6	34·8	34·8	38·7	38·7	7
8	36·1	36·1	37·2	37·2	37·8	37·8	38·1	38·1	37·6	37·6	37·4	37·4	37·2	37·2	36·1	36·0	36·2	36·2	37·1	37·1	37·5	37·5	37·0	37·0	35·7	35·7	8
9	36·0	36·0	35·9	35·9	36·0	36·0	36·1	36·1	36·2	36·2	36·0	36·0	35·2	35·2	34·9	34·9	34·1	34·1	34·4	34·4	33·9	34·0	33·1	33·1	34·9	34·9	9
10	37·3	37·2	37·5	37·3	38·1	38·1	38·1	38·0	37·5	37·3	37·7	37·6	36·5	36·0	36·1	36·0	36·7	32·4	35·8	34·1	36·0	35·2	35·3	35·2	35·2	34·8	10
11	40·9	40·9	40·8	40·8	40·9	40·9	40·9	41·0	39·9	39·9	38·9	39·0	38·9	39·0	38·4	38·5	38·4	38·4	38·2	38·2	38·8	38·8	39·1	39·1	38·7	38·6	11
12	40·0	40·0	40·0	40·1	40·1	40·1	40·8	40·8	40·9	41·0	41·0	41·1	40·9	40·9	40·9	40·9	40·8	40·9	40·8	40·8	41·0	41·0	40·9	40·9	40·4	40·4	12
13	39·0	39·1	39·1	39·1	39·3	39·3	38·9	38·9	39·9	39·9	38·3	38·3	37·8	37·8	36·6	36·6	35·4	35·4	35·3	35·3	34·2	34·2	33·2	33·1	37·2	37·2	13
14	43·0	40·1	42·2	41·7	41·9	42·0	42·7	42·7	42·8	42·9	43·4	43·5	43·6	43·7	42·5	42·5	42·9	42·9	41·9	41·9	41·1	41·2	41·1	41·1	40·3	38·8	14
15	40·2	40·2	41·0	41·0	41·8	41·8	41·7	41·7	41·1	41·1	41·1	41·1	40·8	40·8	41·8	41·9	41·7	41·7	42·8	42·3	42·9	42·0	42·0	41·4	40·6	40·5	15
16	52·7	48·9	53·9	48·5	55·5	44·3	56·9	43·2	57·1	42·5	56·9	40·1	57·2	40·9	54·5	41·1	54·2	42·1	53·8	42·1	53·3	45·6	52·9	44·8	50·0	43·5	16
17	59·9	50·0	62·0	51·0	63·4	52·3	62·0	51·2	61·1	52·4	61·1	53·7	58·7	55·0	56·4	53·8	55·2	52·4	54·1	51·7	54·1	49·1	53·9	46·1	56·8	50·1	17
18	62·3	56·7	63·9	56·3	63·4	56·4	63·8	57·4	61·4	56·5	61·1	57·1	59·5	56·7	57·2	56·8	56·7	55·0	56·1	54·5	54·9	53·8	54·4	52·9	57·4	53·4	18
19	58·0	54·4	58·4	55·0	57·9	54·9	56·1	53·2	54·5	52·9	51·2	50·2	51·0	49·9	48·8	46·3	48·3	45·3	47·5	42·1	47·9	37·6	47·7	36·0	53·4	50·1	19
20	51·1	43·9	52·1	44·8	53·1	45·4	54·5	46·9	53·1	46·1	52·9	45·6	51·8	44·9	48·2	42·8	48·0	43·7	45·8	43·0	44·6	42·8	53·4	42·3	48·2	41·2	20
21	56·9	48·7	55·1	48·9	57·9	50·1	56·2	49·2	56·4	49·3	56·6	49·3	56·1	48·6	54·1	47·6	54·0	47·5	53·4	46·8	52·9	47·1	53·8	46·3	51·1	45·1	21
22	62·1	53·6	63·0	53·7	61·1	52·9	63·1	55·1	62·1	54·2	61·1	54·2	62·3	54·6	58·3	52·1	58·7	51·9	57·3	52·1	55·8	51·1	55·3	50·7	58·2	50·6	22
23	65·3	52·4	64·3	49·3	66·2	52·1	65·1	52·8	63·7	52·1	62·7	51·6	62·2	51·8	59·2	51·1	58·2	50·9	57·4	50·5	56·9	50·9	56·1	49·1	59·3	48·0	23
24	64·1	53·0	61·7	50·5	64·1	51·9	65·9	52·2	66·2	53·1	65·0	52·8	63·5	52·1	60·6	50·1	60·1	50·6	58·1	49·9	56·7	49·9	56·2	49·3	60·7	49·9	24
25	61·7	50·6	63·1	52·2	63·1	52·1	62·7	53·0	62·2	53·4	61·6	53·4	60·9	53·3	58·2	52·1	57·6	51·9	56·3	51·1	55·9	50·3	55·4	49·5	58·3	50·3	25
26	57·3	53·3	60·1	54·0	60·0	51·2	61·1	51·6	61·2	50·2	60·2	50·1	58·6	47·1	54·3	44·1	53·7	42·1	53·0	42·1	51·3	43·1	48·9	42·3	55·9	48·8	26
27	40·1	40·1	40·3	40·3	39·0	39·0	39·4	39·4	38·9	39·0	38·8	38·9	37·9	38·0	37·9	38·0	37·0	37·0	36·4	36·3	39·1	37·6	39·0	39·1	41·0	39·5	27
28	42·8	42·8	42·9	42·9	45·1	42·9	44·0	43·4	48·8	43·8	51·1	44·1	51·9	42·1	49·1	44·4	48·1	44·1	47·8	45·6	47·4	41·9	41·0	40·4	44·6	42·7	28
29	47·9	46·2	51·0	47·6	51·3	47·8	51·1	48·1	49·2	47·3	49·1	47·1	48·0	46·3	47·6	46·2	46·2	45·9	45·8	45·5	46·2	46·0	45·9	45·8	46·3	45·0	29
30	49·9	48·7	49·4	48·2	50·2	49·2	49·6	48·8	49·2	48·9	48·3	48·1	47·8	47·2	47·4	46·8	48·1	46·9	49·8	47·1	49·1	47·1	49·4	47·1	47·6	46·6	30
31																											31
Means.	47·8	44·1	48·1	44·2	48·7	44·4	48·6	44·6	48·2	44·3	47·8	44·0	47·3	43·4	45·8	42·7	45·4	42·2	45·1	42·0	44·7	41·7	44·1	41·2	45·7	42·3	Means.

JULY 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	49·0	47·0	48·9	47·0	48·8	47·1	47·9	46·3	48·0	46·8	47·9	46·3	48·1	47·0	49·5	48·1	49·1	47·4	50·1	47·7	49·9	47·7	50·2	48·1	1
2	46·0	46·0	46·4	46·4	46·6	46·6	46·3	46·3	43·1	43·1	41·0	36·0	47·0	34·0	48·2	34·2	48·4	35·2	48·8	35·4	49·1	36·1	50·0	36·9	2
3	43·8	31·5	43·0	40·1	44·1	44·1	45·0	45·1	46·0	46·1	47·1	47·1	47·3	47·3	47·2	47·2	46·1	46·1	45·9	45·9	46·7	46·7	47·2	47·2	3
4	38·9	38·9	38·3	38·3	38·0	38·0	38·0	38·0	36·8	36·8	36·9	36·9	37·3	37·4	38·1	38·2	38·9	39·0	38·9	39·0	39·2	39·2	39·9	39·9	4
5	37·1	37·1	36·8	36·8	36·4	36·4	35·7	35·7	35·4	35·4	35·3	35·3	35·0	35·0	35·6	35·6	33·7	33·4	36·1	34·9	37·8	35·2	38·8	35·8	5
6	32·1	31·0	31·5	31·0	31·5	31·0	31·2	30·8	30·9	30·2	31·4	30·6	32·9	31·7	33·7	32·0	35·2	33·3	36·6	34·8	37·7	35·0	41·3	37·3	6
7	41·1	41·1	41·0	41·1	43·2	43·2	44·2	44·2	44·8	44·8	45·1	45·2	45·6	45·7	45·9	45·9	46·0	46·1	46·4	46·4	46·9	46·9	47·1	47·1	7
8	47·8	47·8	48·5	48·5	48·8	48·9	48·7	48·7	48·2	48·2	47·5	47·5	47·1	47·1	46·9	47·0	47·1	47·1	47·1	46·9	50·1	47·2	51·8	49·1	8
9	48·0	46·2	47·2	47·2	47·0	46·3	46·4	46·4	45·9	46·0	43·0	43·1	41·3	41·3	41·8	41·8	40·9	41·0	42·5	42·3	44·0	44·1	43·3	43·2	9
10	43·6	43·6	43·7	43·7	43·3	43·3	43·6	43·6	43·3	43·3	43·3	43·3	42·1	42·1	41·8	41·8	41·5	41·5	42·1	42·2	42·1	42·1	42·0	42·0	10
11	40·1	40·1	39·8	39·8	38·4	38·4	39·3	39·3	39·5	39·5	39·1	39·1	40·0	40·0	39·8	39·8	40·4	40·4	40·9	41·0	41·2	41·2	41·9	41·9	11
12	41·3	41·3	41·9	41·9	42·1	42·1	42·9	42·9	43·4	43·4	44·1	44·1	46·0	46·1	46·8	46·8	47·1	47·1	46·7	46·7	47·1	47·1	46·7	46·7	12
13	45·4	45·4	45·4	45·4	44·7	44·7	44·1	44·1	43·4	43·4	43·3	43·3	42·9	42·9	44·2	44·2	44·9	44·9	45·2	45·2	45·0	45·1	45·1	45·1	13
14	41·1	41·1	41·4	41·4	41·4	41·4	42·2	42·2	42·6	42·6	42·2	42·2	41·2	41·2	41·9	41·9	42·1	42·1	41·8	41·8	41·1	41·1	39·8	39·9	14
15	39·7	39·7	39·6	39·6	39·2	39·2	39·0	39·0	38·9	38·8	39·1	39·1	39·1	39·1	39·3	39·3	40·0	40·0	40·1	40·1	40·2	40·2	40·2	40·2	15
16	35·2	35·2	35·0	35·0	35·0	35·0	35·2	35·2	35·6	35·6	35·9	35·9	35·7	35·7	36·2	36·1	37·1	37·1	37·8	37·8	37·9	38·0	38·1	38·2	16
17	34·0	34·0	33·0	33·0	33·2	33·2	33·2	33·2	33·8	33·8	33·8	33·8	33·6	33·6	34·7	34·7	34·8	34·8	35·2	35·2	36·6	36·5	37·4	37·2	17
18	34·1	29·0	34·7	27·5	35·2	27·8	34·1	27·2	35·7	27·9	36·2	28·0	36·0	28·0	37·0	28·5	36·4	32·2	39·3	33·0	41·9	35·0	42·4	35·9	18
19	43·0	41·6	42·6	42·6	41·2	39·1	41·7	40·1	41·2	40·8	40·3	40·3	42·8	42·8	45·3	45·3	45·9	46·0	47·3	47·3	49·0	49·0	50·1	50·1	19
20	42·2	42·2	40·2	40·2	39·2	39·2	38·3	38·3	37·9	38·0	37·8	37·9	38·0	38·1	38·8	38·9	39·9	40·0	40·1	40·1	40·0	40·1	41·2	41·2	20
21	43·4	34·3	42·1	34·1	42·1	33·7	43·3	34·1	44·0	34·9	47·3	40·0	43·8	42·1	45·2	41·9	44·2	43·2	45·0	44·2	46·5	46·0	48·0	47·3	21
22	45·4	45·4	45·2	45·2	45·0	45·1	44·9	44·9	45·1	45·1	45·3	45·3	45·4	45·4	41·9	41·9	41·0	41·1	40·8	40·8	40·8	40·8	41·9	41·9	22
23	36·2	36·1	36·2	36·1	36·9	36·9	37·9	37·9	37·3	37·3	38·3	38·3	38·8	38·8	39·1	39·1	39·1	39·1	40·4	40·4	41·1	41·1	41·1	41·1	23
24	43·8	43·9	43·5	43·5	42·4	42·4	39·9	40·0	39·6	39·6	38·4	38·4	38·7	38·7	39·2	39·2	38·6	38·6	38·2	38·2	37·1	37·1	38·0	38·1	24
25	35·9	35·9	35·3	35·3	35·1	35·1	34·1	34·1	34·4	34·3	34·3	34·2	34·1	34·1	34·7	34·7	35·0	35·0	35·1	35·1	36·0	36·0	36·1	36·1	25
26	35·1	35·1	35·6	35·6	36·0	36·0	36·2	36·2	36·9	36·9	37·2	37·2	37·6	37·7	38·3	38·3	39·2	39·2	39·9	40·0	40·3	40·3	40·8	40·8	26
27	43·7	43·7	43·9	43·9	43·1	43·1	42·2	42·2	41·2	41·3	40·3	40·3	40·6	40·7	41·1	41·1	41·8	41·8	41·7	41·7	41·0	41·0	40·0	40·1	27
28	38·8	38·8	39·0	39·1	39·8	39·8	39·2	39·1	40·2	40·2	39·8	39·9	40·8	40·8	40·2	40·2	40·9	41·9	41·0	41·1	42·1	42·1	42·3	42·3	28
29	47·1	47·1	47·2	47·2	44·2	44·2	44·0	44·0	41·4	41·4	40·4	40·4	41·8	41·8	41·8	41·9	42·3	42·3	41·2	41·2	42·1	42·1	42·9	43·0	29
30	39·2	39·3	39·1	39·1	38·9	38·9	37·5	37·5	37·9	37·9	37·8	37·8	37·5	37·5	37·9	37·9	37·9	38·0	37·7	37·7	38·3	38·3	38·0	38·1	30
31	35·2	35·2	35·0	35·0	34·6	34·6	32·8	32·8	32·7	32·1	33·3	32·0	34·8	34·0	37·0	35·0	38·4	37·2	40·0	38·2	40·8	39·6	42·3	40·2	31
Means.	40·9	39·8	40·7	40·0	40·5	39·8	40·3	39·7	40·2	39·5	40·1	39·3	40·4	39·6	40·9	40·0	41·1	40·4	41·6	40·7	42·2	41·2	42·8	41·7	Means.

JULY 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	49·9	47·9	47·9	47·0	47·5	47·0	47·0	47·0	45·8	45·4	45·8	45·8	44·4	44·4	44·5	44·4	44·0	44·1	44·2	44·2	44·5	44·4	45·1	45·1	47·4	46·4	1
2	48·1	37·5	49·3	43·2	48·8	40·0	47·6	42·5	48·2	39·1	49·4	35·2	47·4	35·0	47·3	33·2	46·5	33·0	46·1	32·6	45·8	32·1	44·8	31·9	47·1	38·0	2
3	48·6	48·5	48·8	48·8	49·0	49·0	48·9	48·9	48·2	48·2	48·0	48·0	46·6	46·7	44·0	44·0	42·1	42·1	41·0	41·1	40·1	40·1	39·3	39·3	45·6	45·0	3
4	39·6	39·6	40·5	40·5	40·1	40·1	40·0	40·0	40·5	40·5	39·4	39·4	38·8	38·8	38·1	38·1	37·3	37·3	37·7	37·7	37·3	37·3	37·0	37·0	38·6	38·6	4
5	39·0	35·0	38·4	35·9	38·9	35·8	37·9	33·2	37·9	33·4	37·1	33·2	36·9	33·2	35·0	33·3	33·6	33·0	33·1	33·1	33·0	33·0	31·9	31·8	36·1	34·6	5
6	40·6	36·9	43·9	38·4	41·5	38·2	43·8	39·8	39·8	36·3	39·5	36·7	40·0	38·1	39·3	38·0	39·0	37·0	40·3	37·0	39·9	38·0	39·7	38·9	37·2	35·1	6
7	47·2	47·2	47·7	47·7	48·0	47·9	48·1	48·1	47·8	47·8	47·8	47·8	48·1	48·1	47·9	47·9	47·3	47·3	47·6	47·5	47·3	47·3	47·6	47·6	46·2	46·2	7
8	52·1	49·2	54·2	51·1	54·2	51·3	54·0	51·1	54·1	50·1	53·5	49·2	52·7	48·8	52·2	48·3	51·9	48·2	51·3	48·1	50·6	47·2	49·4	46·9	50·4	48·5	8
9	46·1	46·1	45·5	44·9	45·9	43·4	45·7	42·8	46·8	43·1	46·1	44·2	45·1	44·1	44·9	44·1	43·8	43·6	43·2	43·2	43·8	43·8	43·9	44·0	44·7	44·0	9
10	40·9	41·0	40·9	40·9	40·9	41·0	40·8	40·8	40·9	40·9	40·9	40·9	41·1	41·1	41·2	41·2	41·4	41·4	41·3	41·4	41·1	41·1	40·2	40·2	41·8	41·8	10
11	42·4	42·4	43·1	43·1	43·2	43·2	43·2	43·2	43·1	43·1	43·2	43·2	43·1	43·1	42·8	42·8	42·5	42·5	42·2	42·2	42·1	42·1	42·0	42·1	41·4	41·4	11
12	46·8	46·8	46·7	46·7	46·0	46·1	46·3	46·3	46·4	46·4	46·4	46·4	46·8	46·8	46·6	46·5	47·1	47·1	47·1	47·1	46·8	46·8	46·1	46·1	45·6	45·6	12
13	45·3	45·3	45·5	45·5	45·5	45·5	44·9	44·9	44·8	44·7	45·1	45·1	44·2	44·2	44·1	44·1	43·8	43·8	43·9	43·9	44·1	44·1	43·2	43·2	44·5	44·5	13
14	40·1	40·1	39·9	40·0	40·4	40·4	39·7	39·7	40·1	40·1	39·8	39·8	40·1	40·1	40·0	40·0	39·1	39·1	40·0	40·0	39·8	39·7	40·1	40·1	40·7	40·8	14
15	39·9	39·9	39·8	39·8	40·8	40·8	39·8	39·8	39·8	39·8	38·8	38·8	38·0	38·1	38·1	38·1	37·2	37·2	37·2	37·2	37·0	37·0	36·1	36·1	39·0	39·0	15
16	38·8	38·9	39·8	39·8	39·7	39·7	39·9	39·9	39·8	39·8	39·2	39·2	39·4	39·4	38·7	38·7	39·1	39·1	37·1	37·1	35·2	35·2	34·8	34·8	37·3	37·3	16
17	38·3	38·2	40·0	39·5	39·4	38·9	40·0	38·9	39·7	37·9	39·7	37·9	39·3	38·0	37·8	37·0	36·2	35·3	34·7	34·1	35·0	30·6	35·4	29·7	36·2	35·4	17
18	43·2	42·2	43·8	37·3	43·0	42·4	43·9	44·0	44·0	44·1	44·9	44·9	45·8	45·8	46·0	46·0	45·3	45·3	45·0	45·0	44·9	45·0	44·0	43·5	40·7	36·9	18
19	49·3	49·2	49·1	49·1	48·5	48·5	49·0	49·0	49·2	49·1	48·9	48·9	48·0	48·0	47·8	47·8	47·6	47·6	45·0	45·0	43·1	43·1	43·1	43·1	45·8	45·6	19
20	41·0	41·1	42·5	42·5	42·8	42·8	41·6	41·6	40·6	39·9	42·0	42·0	41·1	41·1	39·3	39·3	38·8	38·9	41·1	37·0	42·9	35·3	42·2	35·2	40·4	39·6	20
21	48·3	48·2	47·1	47·1	47·1	47·1	47·0	47·0	46·8	46·8	46·3	46·3	46·0	46·1	46·1	46·1	46·7	46·7	46·7	46·7	46·4	46·4	46·0	46·0	45·6	43·2	21
22	40·4	40·4	40·2	40·2	39·5	39·5	38·1	38·1	37·9	37·9	38·2	38·2	36·8	36·7	36·8	36·8	36·9	36·9	37·0	37·0	37·2	37·2	36·2	36·2	40·7	40·8	22
23	41·0	41·1	42·0	42·0	41·2	41·2	42·2	42·2	41·7	41·7	42·0	42·1	41·3	41·3	41·3	41·3	40·3	40·3	40·0	40·0	41·2	41·2	43·2	43·2	40·0	40·0	23
24	38·2	38·2	37·8	37·9	37·9	38·0	37·3	37·3	36·8	36·8	36·2	36·1	35·7	35·7	35·7	35·7	35·8	35·8	35·3	35·3	35·4	35·4	35·6	35·6	38·1	38·1	24
25	37·1	37·1	36·9	36·8	36·8	36·8	36·9	36·9	36·1	36·1	36·1	36·1	35·6	35·6	36·0	36·0	35·7	35·7	35·9	35·9	34·6	34·6	35·3	35·3	35·5	35·5	25
26	41·9	41·9	42·4	41·2	42·9	41·5	42·8	41·8	41·2	41·2	41·9	41·9	42·1	42·1	43·0	43·1	44·1	44·2	44·9	44·9	45·2	45·2	44·1	44·1	40·4	40·3	26
27	41·0	41·1	43·0	43·0	42·2	42·2	42·4	42·4	42·0	42·0	40·4	40·4	39·3	39·3	39·3	39·3	38·0	38·1	38·1	38·1	38·0	38·1	39·2	39·2	41·0	41·0	27
28	42·1	42·1	43·0	43·1	43·8	43·8	44·1	44·1	45·0	45·1	44·8	44·8	45·1	45·1	45·8	45·8	45·9	46·0	46·1	46·1	46·6	46·6	46·6	46·6	42·6	42·6	28
29	41.1	41·1	41·8	41·8	41·3	41·4	41·2	41·2	40·6	40·6	40·6	40·6	39·9	40·0	40·1	40·1	39·8	39·9	39·3	39·3	39·3	39·3	39·4	39·4	41·7	41·7	29
30	38·4	38·4	37·2	37·2	37·8	37·8	38·8	38·8	38·0	38·1	37·9	38·0	37·5	37·5	37·0	37·0	36·8	36·8	36·0	36·1	35·3	35·3	35·8	35·8	37·7	37·7	30
31	44·1	42·0	43·1	41·1	42·9	41·9	42·0	41·4	40·0	40·0	41·8	40·4	41·9	41·0	39·9	39·4	39·0	38·6	37·9	37·9	38·1	38·1	37·9	37·6	38·6	37·7	31
Means.	42·9	42·1	43·3	42·4	43·1	42·4	43·1	42·3	42·7	41·8	42·6	41·7	42·2	41·4	41·8	41·1	41·4	40·7	41·2	40·4	41·0	40·0	40·8	39·9	41·6	40·7	Means.

AUGUST 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	37·8	36·9	37·0	35·8	36·4	36·0	36·2	35·8	35·9	35·9	36·3	36·3	36·6	36·6	37·1	37·1	37·8	37·8	38·7	38·5	38·9	38·9	37·8	37·8	1
2	38·8	38·8	37·2	37·2	35·9	35·9	32·8	32·8	31·8	31·8	31·1	31·1	31·2	31·2	32·2	32·2	32·8	32·4	34·8	34·8	36·7	36·4	36·7	36·6	2
3	36·1	36·1	36·0	36·0	38·8	38·1	41·2	37·9	38·2	37·3	43·3	41·7	44·3	42·3	46·3	43·2	48·9	43·3	50·3	41·2	51·0	41·4	52·2	41·7	3
4	46·0	38·4	45·0	38·3	44·7	43·1	44·0	43·4	44·0	43·9	44·9	44·8	46·1	45·2	46·8	46·2	48·1	46·8	49·9	47·4	51·4	48·3	51·2	48·4	4
5	46·8	44·4	46·6	44·1	46·5	44·8	46·2	44·2	45·9	43·5	45·9	43·1	46·1	42·8	46·9	42·2	47·3	43·1	48·3	43·8	50·5	44·9	51·2	43·9	5
6	46·1	44·3	46·0	44·0	44·9	44·2	45·1	43·5	45·0	43·1	43·9	43·1	43·5	43·5	44·0	44·0	44·0	44·0	43·6	43·6	44·4	44·3	44·8	44·8	6
7	45·7	45·7	45·7	45·7	45·4	45·4	44·2	44·2	42·5	42·5	40·8	40·8	39·9	39·9	38·8	38·8	37·4	37·4	36·9	36·9	37·8	37·8	38·3	38·3	7
8	44·4	44·4	45·0	45·0	44·8	44·9	44·4	44·4	44·6	44·6	44·8	44·8	44·9	44·9	45·1	45·1	45·1	45·1	45·0	45·1	45·2	45·2	45·3	45·3	8
9	42·5	42·5	42·2	42·2	42·1	42·1	41·1	41·1	40·2	40·2	40·2	40·2	39·1	39·1	38·9	38·9	38·8	38·8	38·8	38·8	38·1	38·1	37·8	37·8	9
10	31·2	31·2	32·0	31·9	32·3	32·1	33·1	33·1	33·5	33·5	33·8	33·8	33·5	33·5	33·2	33·2	33·8	33·5	33·5	33·4	34·4	34·4	35·0	35·0	10
11	33·8	33·8	33·3	33·3	33·4	33·4	32·3	32·3	32·0	32·0	32·0	32·0	32·0	32·0	32·2	32·2	32·3	32·3	33·0	33·0	33·9	33·9	34·8	34·8	11
12	35·1	35·1	35·2	35·2	35·1	35·1	35·2	35·2	35·1	35·1	35·2	35·2	35·8	35·8	36·1	36·1	36·8	36·8	37·3	37·3	36·5	36·4	37·2	37·2	12
13	32·1	32·1	31·1	31·1	31·0	31·0	30·1	30·1	29·1	29·1	28·3	28·4	27·5	27·6	26·9	27·0	26·9	26·9	29·3	29·3	30·0	29·9	32·1	31·8	13
14	28·0	27·6	28·9	29·0	28·7	28·7	28·1	28·1	27·8	27·8	28·8	28·9	29·6	29·7	30·3	30·3	30·9	31·0	31·7	31·8	32·3	32·2	33·2	33·3	14
15	32·0	31·2	31·1	31·1	30·1	30·1	30·5	30·5	30·3	30·3	30·7	30·8	31·7	31·7	32·1	32·1	32·5	32·4	35·5	35·5	35·6	35·6	37·1	37·1	15
16	37·4	37·4	37·8	37·8	37·8	37·8	37·2	37·2	37·1	37·1	37·3	37·3	36·9	36·9	37·0	37·0	38·2	38·2	39·9	40·0	40·8	41·0	39·7	38·8	16
17	38·0	36·7	37·8	36·2	37·5	37·0	37·1	36·4	36·9	36·8	37·1	37·1	37·8	37·8	36·8	36·8	36·8	36·8	37·9	37·9	38·7	38·6	39·7	39·6	17
18	35·4	35·4	35·1	35·1	35·1	35·1	34·0	34·0	34·5	34·5	34·5	34·5	34·7	34·7	34·7	34·7	35·1	35·1	35·5	35·5	35·9	35·9	36·5	36·5	18
19	35·3	35·3	35·1	35·0	35·1	35·1	34·9	34·9	34·1	34·1	34·9	34·9	35·1	35·1	35·3	35·3	35·8	35·8	37·8	37·8	36·7	36·7	39·7	39·6	19
20	35·0	35·0	35·0	35·0	35·0	35·0	35·0	34·9	34·9	34·5	35·0	35·0	35·0	35·0	35·3	35·3	36·0	35·9	36·6	36·3	36·3	36·0	36·9	36·0	20
21	33·9	33·9	33·8	33·8	33·5	33·5	33·1	33·1	32·3	32·2	32·3	32·3	32·0	32·0	33·6	33·3	34·5	34·1	36·0	35·5	37·0	36·1	36·6	35·8	21
22	39·0	38·9	37·5	37·5	38·9	38·9	39·3	39·3	39·7	39·7	40·0	40·1	40·3	40·3	39·1	39·1	38·2	37·6	38·6	38·6	40·3	40·3	41·8	41·9	22
23	41·3	41·3	41·1	41·1	41·2	41·2	40·9	40·9	40·7	40·8	42·5	42·5	44·7	44·7	45·0	45·0	46·4	46·4	46·5	46·4	47·8	47·7	46·9	46·9	23
24	44·3	44·2	42·9	42·9	42·8	42·8	42·4	42·2	42·3	42·1	42·0	41·7	42·1	41·9	42·3	41·5	42·8	42·3	44·0	43·0	44·8	43·3	45·1	44·1	24
25	45·8	41·9	46·1	43·1	45·0	43·8	45·6	44·1	45·1	43·8	45·6	43·8	45·4	43·7	45·2	43·9	44·3	44·2	45·8	45·8	46·7	46·7	47·4	47·4	25
26	46·0	46·0	45·9	45·9	45·7	45·7	46·5	46·5	47·2	47·2	46·9	46·9	47·5	47·5	48·2	48·2	48·1	48·1	48·4	48·4	48·2	48·2	48·9	48·9	26
27	43·4	43·4	43·0	43·0	42·8	42·8	42·2	42·2	41·2	41·3	42·8	42·8	42·7	42·7	43·7	43·7	43·4	43·4	44·3	44·3	46·2	46·2	46·5	46·0	27
28	43·8	43·4	43·8	43·8	43·9	43·4	43·8	43·8	43·7	43·7	43·8	43·8	43·9	44·0	44·2	44·2	44·0	44·0	44·5	44·5	45·2	45·2	45·6	45·6	28
29	44·2	44·2	44·2	44·2	44·1	44·1	44·4	44·4	42·8	42·8	43·2	43·2	43·2	43·2	43·2	43·2	44·3	44·2	45·3	45·3	45·3	45·3	44·2	44·2	29
30	42·2	42·2	42·4	42·4	42·1	42·1	41·4	41·4	41·9	41·9	41·3	41·3	40·7	40·7	41·2	41·2	40·7	40·7	40·4	40·4	40·4	40·4	41·1	41·1	30
31	40·8	40·8	40·6	40·6	40·0	40·1	40·0	40·0	39·3	39·3	39·4	39·4	39·9	39·9	40·2	40·2	41·1	41·1	41·2	41·2	41·7	41·8	41·9	42·0	31
Means.	39·4	38·8	39·2	38·6	39·1	38·8	38·8	38·4	38·4	38·1	38·6	38·4	38·8	38·6	39·1	38·7	39·5	39·0	40·3	39·7	40·9	40·2	41·4	40·6	Means.

AUGUST 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	38·5	38·5	38·8	38·8	38·7	38·7	37·8	37·8	38·0	38·1	38·0	38·1	37·2	37·2	35·1	35·1	35·3	35·3	36·1	36·1	36·8	36·8	37·1	37·1	37·2	37·1	1
2	38·8	38·0	38·4	37·8	38·2	37·6	38·0	37·5	38·2	38·0	38·1	37·5	37·5	37·2	37·1	37·1	37·0	37·0	36·7	36·7	37·0	37·0	39·4	37·2	36·1	35·8	2
3	52·0	42·0	52·9	44·8	52·6	48·8	52·2	47·3	50·9	43·0	50·1	45·1	50·0	42·5	49·0	42·8	48·8	41·5	47·4	43·9	46·1	43·0	45·8	38·4	46·8	41·8	3
4	52·3	49·9	52·3	49·1	51·1	49·0	52·6	50·1	51·9	49·1	51·1	47·3	49·6	45·1	48·9	42·9	47·6	42·1	47·0	42·2	47·3	44·6	46·9	43·9	48·4	45·4	4
5	51·4	44·2	52·2	44·4	50·9	46·1	50·1	46·1	49·4	46·1	49·6	44·6	48·6	44·0	48·1	43·6	47·9	44·2	47·9	43·9	47·6	45·0	46·9	44·9	48·3	44·2	5
6	43·0	43·1	44·0	44·1	43·8	44·0	43·9	43·9	44·8	44·8	45·0	45·0	45·0	45·0	45·0	45·1	45·1	45·1	44·9	45·0	44·9	44·9	45·7	45·6	44·6	44·2	6
7	40·0	40·0	41·1	41·1	40·0	40·0	40·0	40·1	40·5	40·5	40·2	40·2	40·3	40·3	40·1	40·1	42·1	42·1	42·9	42·9	44·1	44·1	44·3	44·3	41·2	41·2	7
8	45·2	45·2	45·0	45·1	45·0	45·0	44·5	44·5	44·0	44·1	43·8	43·8	43·4	43·4	43·1	43·1	42·3	42·3	42·0	42·0	42·3	42·3	42·5	42·4	44·2	44·2	8
9	37·8	37·9	38·0	38·0	36·9	36·9	37·0	37·0	37·0	37·0	36·2	36·2	35·3	35·3	33·4	33·4	33·0	33·0	33·0	33·0	33·1	33·1	33·2	33·2	37·7	37·7	9
10	35·2	35·2	36·1	36·0	35·7	35·5	36·0	36·0	35·1	35·0	34·1	34·0	33·7	33·5	33·0	33·0	33·0	33·0	32·3	32·3	33·0	33·0	33·9	33·9	33·8	33·7	10
11	35·3	35·3	37·0	37·0	37·3	37·3	37·3	37·3	37·6	37·6	37·3	37·3	36·7	36·7	35·8	35·8	35·2	35·2	35·1	35·1	35·1	35·1	35·0	35·0	34·6	34·6	11
12	37·8	37·8	37·9	37·9	38·1	38·1	37·0	37·0	36·8	36·8	36·3	36·3	35·7	35·7	34·9	35·0	34·0	34·0	33·1	33·1	32·2	32·2	32·2	32·2	35·7	35·7	12
13	32·7	31·9	34·2	32·2	35·1	33·7	33·9	33·9	34·2	34·2	33·7	33·7	32·8	32·7	32·2	32·1	32·0	32·0	31·0	31·7	30·8	30·8	27·8	25·2	31·0	30·8	13
14	34·0	34·0	34·3	34·3	34·2	34·2	34·8	34·8	34·7	34·7	34·5	34·5	33·9	33·8	33·9	34·0	33·9	33·9	33·0	33·0	32·9	32·9	32·1	32·1	31·9	31·9	14
15	37·5	37·5	38·1	38·1	37·9	37·9	37·5	37·5	37·2	37·2	36·8	36·8	36·6	36·6	37·0	37·0	37·2	37·2	37·8	37·8	37·8	37·8	37·2	37·2	34·9	34·9	15
16	42·5	40·8	43·9	42·2	42·8	41·4	42·0	41·4	42·1	40·8	41·6	40·3	39·9	39·6	39·7	38·8	39·8	38·2	38·8	38·1	38·3	37·3	38·1	37·1	39·4	38·9	16
17	39·1	38·9	39·5	39·5	38·8	38·8	38·8	38·8	37·0	37·0	37·2	37·2	36·1	36·1	35·8	35·8	35·8	35·8	35·6	35·7	35·4	35·4	35·5	35·5	37·4	37·2	17
18	36·6	36·6	37·4	37·4	38·1	38·2	37·9	37·9	37·0	37·0	36·6	36·6	36·0	36·0	36·1	36·1	36·1	36·1	36·2	36·2	36·2	36·1	36·0	36·0	35·9	35·9	18
19	37·7	37·7	38·8	38·8	37·7	37·5	38·9	38·9	37·3	37·1	37·2	37·1	37·2	37·2	36·9	36·9	36·5	36·0	36·0	35·8	35·4	35·0	35·0	35·0	36·4	36·4	19
20	37·7	36·8	38·0	37·1	39·1	38·6	38·8	38·3	39·0	38·8	37·4	37·3	36·3	36·1	35·0	35·0	35·2	34·3	35·0	34·3	34·8	34·2	34·9	34·8	36·1	35·8	20
21	37·3	36·3	38·8	37·4	38·2	38·2	38·8	38·5	36·9	36·3	36·7	36·3	37·8	33·0	37·2	34·0	37·5	33·3	38·0	33·3	38·1	35·9	38·4	37·7	35·9	34·8	21
22	43·0	43·1	44·2	44·2	44·8	44·8	45·0	45·1	45·0	45·2	44·4	44·4	42·7	42·7	40·7	40·7	40·0	40·1	41·1	41·1	41·0	41·1	41·0	41·1	41·1	41·1	22
23	46·8	46·8	47·1	47·1	46·4	46·4	46·1	46·1	44·7	44·8	44·6	44·5	45·1	45·1	46·0	46·0	45·3	45·3	45·4	45·4	45·3	45·3	44·9	45·0	44·7	44·7	23
24	45·9	44·3	47·7	45·7	49·3	46·4	48·2	46·8	47·2	45·2	47·3	45·6	46·6	46·3	46·0	45·4	46·0	43·1	45·5	43·3	45·0	42·3	45·4	42·1	44·9	43·7	24
25	47·9	47·9	48·5	48·4	48·7	48·6	48·5	48·4	48·8	48·8	48·1	48·1	47·1	46·9	46·0	46·1	45·7	45·7	45·8	45·8	45·1	45·1	45·1	45·1	46·4	45·7	25
26	48·9	48·9	48·7	48·6	49·0	49·0	47·9	47·8	46·9	46·9	46·1	46·1	46·0	46·0	45·9	45·9	45·8	45·8	45·4	45·4	44·9	44·9	44·5	44·5	47·0	47·0	26
27	45·7	45·2	47·0	47·0	48·0	47·1	47·3	45·7	47·6	45·6	46·8	45·1	45·7	44·8	45·0	44·4	44·3	44·1	43·8	43·7	43·7	43·2	43·9	43·8	44·6	44·2	27
28	45·7	45·7	45·1	45·1	45·1	45·1	45·0	45·1	45·4	45·4	45·4	45·4	44·8	44·8	43·9	44·0	43·9	44·0	44·2	44·2	44·3	44·3	44·1	44·1	44·5	44·4	28
29	44·3	44·3	45·8	45·8	45·2	45·2	45·0	45·0	44·4	44·4	43·9	43·9	43·3	43·3	42·9	42·9	43·0	43·0	42·0	42·0	42·0	42·0	42·1	42·1	43·8	43·8	29
30	40·2	40·2	40·3	40·3	41·4	41·4	41·4	41·4	40·8	40·8	40·8	40·9	40·5	40·5	40·2	40·2	40·5	40·5	41·0	41·0	40·8	40·8	40·9	40·9	41·0	41·0	30
31	42·3	42·3	43·1	43·1	42·8	42·8	42·2	42·2	41·8	41·8	42·1	42·1	41·8	41·8	41·8	41·8	41·0	41·0	40·8	40·8	40·1	40·1	40·5	40·5	41·1	41·1	31
Means.	41·7	40·8	42·4	41·5	42·3	41·7	42·1	41·6	41·7	41·0	41·3	40·7	40·7	40·0	40·2	39·5	40·0	39·2	39·8	39·2	39·7	39·2	39·7	39·0	40·2	39·6	Means.

SEPTEMBER 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	39·8	39·8	39·1	39·1	38·8	38·8	39·0	39·0	38·8	38·8	38·8	38·8	38·8	38·8	38·8	38·8	39·4	39·4	39·2	39·2	39·7	39·7	40·3	40·3	1
2	38·8	38·8	39·4	39·4	39·5	39·5	39·5	39·5	39·7	39·8	39·5	39·5	39·6	39·6	38·9	38·9	39·0	39·0	39·8	39·9	39·1	39·1	39·9	39·9	2
3	36·6	36·6	37·0	37·0	37·4	37·4	37·4	37·4	37·8	37·9	37·5	37·5	37·8	37·8	37·7	37·7	37·9	37·9	38·3	38·3	37·7	37·7	38·9	38·9	3
4	39·0	39·0	38·7	38·7	38·3	38·3	38·3	38·3	38·7	38·7	38·9	38·9	38·9	38·9	38·8	38·9	38·5	38·6	39·4	39·4	39·9	39·9	40·5	40·5	4
5	37·0	37·0	37·2	37·2	37·2	37·2	37·4	37·4	38·0	38·0	37·7	37·7	38·1	38·1	38·2	38·2	38·4	38·4	38·5	38·5	38·8	38·8	38·8	38·8	5
6	36·8	36·8	36·7	36·7	36·8	36·8	36·7	36·4	36·4	36·4	36·0	36·0	36·0	36·0	36·1	36·1	35·7	35·7	35·8	35·8	36·7	36·7	36·9	36·9	6
7	31·6	31·6	30·8	30·8	29·2	29·2	28·7	28·7	26·8	26·8	26·9	26·9	27·5	27·5	27·8	27·8	28·0	28·0	29·0	29·0	29·7	29·7	30·3	30·3	7
8	31·6	31·6	32·0	32·0	32·8	32·2	33·4	33·1	33·7	33·7	33·9	34·0	35·1	35·1	35·8	35·8	36·9	36·9	37·7	37·7	38·0	38·0	37·8	37·8	8
9	41·8	41·8	42·1	42·1	43·0	43·1	43·7	43·7	44·1	44·1	43·0	43·0	44·4	44·4	44·6	44·7	44·7	44·8	44·1	44·1	43·3	43·3	41·3	41·3	9
10	31·2	31·2	31·2	31·2	31·0	31·0	30·9	30·9	31·8	31·8	32·1	32·0	32·3	32·2	32·3	32·2	32·7	32·3	33·2	32·5	33·5	33·5	34·0	34·0	10
11	34·7	34·7	34·5	34·5	33·8	33·8	33·3	33·3	33·3	33·2	33·2	33·2	33·8	33·8	34·3	34·3	34·7	34·7	34·7	34·7	35·5	35·5	34·6	34·6	11
12	29·8	29·8	29·7	29·7	29·8	29·8	29·8	29·8	30·3	30·3	29·8	29·9	29·7	29·7	29·8	29·8	30·0	30·0	29·8	29·8	30·6	30·6	30·5	30·5	12
13	29·0	29·0	28·0	28·0	27·2	27·2	26·1	26·1	26·6	26·6	28·8	28·8	28·9	29·0	29·3	29·3	30·5	30·5	31·1	31·1	31·7	31·7	32·2	32·1	13
14	32·3	32·3	32·5	32·5	33·1	33·1	33·2	33·2	33·7	33·7	33·7	33·7	33·8	33·8	34·2	34·2	34·7	34·7	35·1	35·1	35·3	35·3	35·9	35·9	14
15	32·3	32·3	31·8	31·8	31·8	31·8	31·9	32·1	31·2	31·0	31·1	31·0	31·5	31·5	31·8	31·4	33·0	32·2	33·1	32·2	33·7	32·4	35·0	34·9	15
16	32·4	32·4	32·1	32·1	32·0	31·9	32·0	31·9	31·7	31·7	31·6	31·4	32·1	32·1	32·3	32·2	32·7	32·2	33·4	33·0	34·6	34·4	34·8	34·5	16
17	33·4	33·2	33·8	33·8	33·0	33·0	33·6	33·6	33·5	33·3	32·9	32·9	33·2	32·8	35·0	33·6	34·8	34·8	35·0	35·0	35·6	35·5	36·7	35·5	17
18	35·0	34·1	34·8	32·9	34·9	34·8	35·0	33·0	34·8	33·0	35·7	32·3	37·5	32·8	37·4	33·0	38·6	33·8	41·0	35·2	41·2	35·8	42·8	36·0	18
19	34·5	34·5	34·0	34·0	34·1	34·1	34·1	34·1	34·5	34·5	33·7	33·7	33·7	33·7	33·7	33·7	34·6	34·6	35·3	35·3	36·1	36·1	36·7	36·7	19
20	45·4	35·8	45·4	35·1	46·0	34·9	48·1	34·2	46·9	34·6	48·6	35·0	47·8	34·2	49·3	35·1	50·6	36·5	52·3	37·7	55·2	39·2	57·0	40·4	20
21	48·4	36·2	46·0	35·3	46·3	35·7	45·8	35·1	42·9	35·7	43·3	35·7	41·3	37·2	37·1	37·1	40·2	35·7	47·8	36·0	39·6	39·1	51·0	39·1	21
22	34·9	34·4	44·5	32·4	43·8	32·0	45·0	31·4	45·1	31·4	39·7	33·0	39·3	32·3	44·5	32·8	45·4	34·7	46·2	34·8	46·7	35·5	48·1	36·8	22
23	44·7	40·1	45·9	36·0	45·2	35·9	44·9	35·3	43·6	36·0	43·7	35·0	41·3	37·3	42·3	36·6	41·3	39·8	44·7	41·1	45·0	41·9	46·8	43·3	23
24	42·9	39·6	43·0	39·1	42·2	40·1	42·1	40·1	41·8	39·9	42·3	39·3	41·7	39·6	43·6	38·1	43·3	38·3	44·2	36·0	47·4	39·0	48·3	41·7	24
25	39·1	39·1	39·1	39·1	38·2	38·2	38·0	38·0	37·9	37·9	38·2	38·2	38·0	37·8	37·9	37·4	40·0	39·8	39·0	39·0	39·3	39·3	38·4	38·4	25
26	41·1	41·1	41·1	41·1	40·8	40·8	39·9	39·9	39·8	39·9	37·7	37·7	35·3	35·3	32·9	32·9	32·5	32·5	33·3	33·3	32·9	32·9	34·0	34·0	26
27	29·8	29·8	29·0	29·0	28·1	28·1	28·0	28·0	27·8	27·8	28·3	28·4	26·3	26·3	26·5	26·5	27·4	27·5	28·3	28·5	28·3	28·8	27·2	27·5	27
28	27·1	27·1	26·1	26·1	26·0	26·0	25·6	25·6	25·1	25·1	24·5	24·5	25·3	25·3	26·2	26·2	29·4	28·7	31·3	31·0	30·8	30·3	30·2	30·4	28
29	31·9	31·9	32·0	32·0	32·2	32·1	32·2	32·2	32·6	32·2	33·0	32·3	33·3	33·3	33·3	33·3	33·8	33·8	34·0	34·0	34·6	34·4	35·6	35·1	29
30	35·8	35·8	35·3	35·3	34·3	34·1	34·1	34·0	33·7	33·7	33·6	33·6	33·2	33·0	37·8	34·2	36·9	35·0	36·3	35·4	36·7	36·2	37·3	36·8	30
31																									31
Means.	36·0	34·9	36·1	34·5	35·9	34·4	35·9	34·2	35·8	34·2	35·6	34·1	35·5	34·3	35·9	34·4	36·5	35·0	37·4	35·4	37·6	36·0	38·4	36·4	Means.

SEPTEMBER 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	40·4	40·4	40·1	40·1	40·3	40·3	40·3	40·3	40·4	40·4	40·1	40·2	39·8	39·8	38·8	38·9	37·8	37·8	38·8	38·8	38·8	38·8	38·9	38·9	39·4	39·4	1
2	40·1	40·1	39·7	39·7	39·0	39·1	38·4	38·4	37·7	37·7	37·6	37·6	37·3	37·3	37·0	37·0	37·4	37·4	37·2	37·2	36·9	36·9	36·5	36·5	38·6	38·7	2
3	39·6	39·6	39·6	39·7	39·5	39·5	40·1	40·1	39·8	39·8	39·4	39·4	38·5	38·5	37·9	37·9	38·2	38·2	38·4	38·3	38·4	38·5	38·3	38·3	38·3	38·3	3
4	40·2	40·2	40·2	40·2	41·0	41·1	39·8	39·8	38·2	38·2	37·3	37·3	36·6	36·6	37·2	37·2	37·1	37·1	37·0	36·9	37·0	37·0	37·1	37·1	38·6	38·6	4
5	38·9	38·9	39·0	39·1	39·2	39·2	38·9	39·0	38·8	38·9	38·3	38·3	38·1	38·1	37·8	37·8	37·5	37·5	37·2	37·2	37·1	37·1	36·8	36·8	38·0	38·0	5
6	37·2	37·2	37·2	37·2	37·0	37·0	36·0	36·0	35·1	35·1	34·7	34·7	34·3	34·3	33·7	33·7	33·7	33·7	34·0	34·0	33·1	33·1	32·2	32·2	35·6	35·6	6
7	31·7	31·6	32·2	32·0	32·2	32·2	33·1	32·8	33·1	33·0	32·5	32·5	31·3	31·3	30·9	31·1	30·6	30·6	30·1	30·1	29·8	29·8	30·5	30·5	30·2	30·2	7
8	36·8	36·8	36·9	36·9	36·8	36·8	38·0	38·0	38·2	38·2	38·5	38·5	38·8	38·9	39·1	39·2	38·8	38·9	40·0	40·0	40·1	40·1	40·8	40·8	36·7	36·7	8
9	41·2	41·3	41·8	41·9	38·7	38·7	36·5	36·5	33·9	33·8	32·3	32·3	31·0	31·3	31·2	31·2	31·8	31·8	31·4	31·4	31·3	31·3	31·3	31·3	38·9	38·9	9
10	35·0	35·0	34·7	34·7	34·2	34·2	34·3	34·3	34·9	34·9	34·4	34·4	34·8	34·8	34·4	34·4	34·4	34·4	34·9	34·9	34·9	34·9	34·3	34·3	33·4	33·3	10
11	33·4	33·3	32·7	32·7	32·8	32·8	32·1	32·1	32·4	32·3	31·4	31·4	31·1	31·8	30·0	30·0	29·7	29·7	29·8	29·8	29·1	29·1	29·2	29·2	32·7	32·7	11
12	31·0	31·0	31·4	31·4	31·4	31·4	31·3	31·3	31·7	31·7	31·7	31·7	31·3	31·4	31·2	31·2	31·2	31·2	31·1	31·1	30·9	30·9	29·8	29·8	30·6	30·6	12
13	32·9	32·3	33·1	32·6	33·1	33·1	33·2	33·2	32·7	32·7	32·7	32·7	32·1	32·1	32·2	32·2	32·3	32·3	32·3	32·3	32·2	32·2	32·2	32·2	30·8	30·8	13
14	36·2	36·2	37·1	37·1	35·3	35·3	33·9	33·9	34·1	34·1	34·7	34·7	34·8	34·8	34·2	34·2	33·8	33·8	33·9	33·9	33·9	33·9	33·0	33·0	34·3	34·3	14
15	35·5	35·0	36·0	35·1	35·8	35·2	34·7	34·6	34·5	34·3	33·8	33·7	34·0	34·0	32·9	32·9	32·9	32·8	32·8	32·8	32·9	32·9	33·0	33·0	33·2	33·0	15
16	36·2	35·8	36·4	36·1	36·9	36·2	36·2	36·1	36·0	35·8	35·4	35·3	34·2	34·0	34·0	33·8	33·9	33·7	34·0	33·0	33·3	33·1	33·6	33·1	33·8	33·6	16
17	37·0	36·4	37·0	36·8	37·3	36·3	37·3	36·9	37·0	36·6	36·8	36·2	36·4	36·4	35·4	35·0	35·0	34·7	35·4	35·3	35·0	34·9	35·1	35·0	35·2	34·9	17
18	44·8	36·1	45·1	37·6	41·9	39·0	37·5	36·9	34·8	34·8	34·2	34·1	34·6	34·6	34·8	34·7	34·6	34·6	34·2	34·1	34·8	34·8	34·9	34·9	37·3	34·7	18
19	36·8	36·8	36·9	36·9	38·0	38·0	37·9	37·9	37·8	37·8	38·5	37·3	38·7	35·6	39·7	36·8	45·0	36·8	45·9	35·7	41·3	36·0	42·1	36·0	37·2	35·7	19
20	58·8	42·4	57·9	42·3	58·3	42·4	56·8	41·2	57·8	42·2	53·6	38·4	51·9	39·5	50·8	37·3	49·9	37·3	50·0	37·8	51·0	36·8	49·2	36·0	51·6	37·8	20
21	53·8	41·1	52·9	43·4	50·3	39·1	49·9	38·2	47·9	39·2	39·7	37·9	37·0	36·4	36·1	36·1	37·3	35·5	46·0	35·0	44·9	34·8	39·0	35·0	44·4	37·1	21
22	48·1	36·5	48·0	36·5	49·0	41·9	49·0	42·1	48·0	41·4	46·8	40·5	46·2	41·7	45·8	40·1	45·9	40·1	44·9	39·5	45·1	40·2	44·9	40·2	45·2	36·8	22
23	46·4	44·0	45·7	44·1	45·1	43·9	44·8	43·2	43·7	42·7	42·8	41·9	42·3	41·3	44·1	39·1	44·2	39·3	44·0	39·3	43·8	39·5	42·9	40·6	44·1	39·9	23
24	48·2	41·4	47·9	43·1	47·6	41·0	45·8	41·1	41·3	40·4	41·1	40·3	41·2	39·1	40·3	39·1	40·3	40·3	40·4	40·4	39·9	40·0	39·6	39·6	43·2	39·9	24
25	38·6	38·6	38·2	38·2	38·8	38·8	38·2	38·2	38·1	38·1	37·8	37·9	37·3	37·3	38·6	38·6	39·8	39·9	41·0	41·1	41·9	41·9	41·8	41·8	38·9	38·9	25
26	33·7	33·7	33·6	33·6	33·9	33·8	33·5	33·5	32·4	32·4	32·2	32·2	32·0	32·1	31·5	31·5	31·2	31·2	30·7	30·7	30·2	30·2	30·3	30·3	34·4	34·4	26
27	28·3	28·5	29·4	29·6	28·2	28·2	28·3	28·3	26·8	26·9	26·9	26·9	27·7	27·7	27·0	27·0	27·3	27·3	27·2	27·2	26·3	26·3	27·2	27·2	27·7	27·8	27
28	29·8	29·8	31·4	31·2	30·0	29·4	30·6	30·6	30·1	30·1	30·2	30·2	28·9	28·8	28·1	28·1	29·0	27·1	29·5	29·0	30·3	30·3	31·0	31·0	28·6	28·4	28
29	35·9	35·4	37·0	36·1	37·4	36·3	36·2	36·1	36·3	36·0	36·8	36·4	35·8	35·8	35·9	35·7	36·0	36·0	35·1	35·1	35·0	35·0	35·1	35·2	34·6	34·4	29
30	37·0	36·8	37·2	37·1	36·8	36·8	36·6	36·6	36·0	36·0	36·3	35·7	35·9	35·7	37·0	36·0	38·9	36·1	39·1	36·0	38·2	35·0	37·9	35·0	36·3	35·4	30
31																											31
Means.	38·8	36·7	38·9	37·1	38·5	36·9	38·0	36·6	37·3	36·2	36·6	35·7	36·1	35·4	35·9	34·9	36·2	34·9	36·5	34·9	36·2	34·8	36·0	34·8	36·7	35·3	Means.

OCTOBER 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	37·8	35·9	37·0	35·9	37·0	35·5	37·0	35·2	36·5	35·2	36·0	35·2	36·0	35·4	35·9	35·7	36·4	36·0	37·2	35·8	38·8	36·0	39·8	34·7	1
2	32·2	32·2	32·9	32·9	33·0	33·1	33·2	33·2	33·1	33·1	32·7	32·7	32·8	32·8	32·9	32·8	33·7	33·6	33·9	33·8	34·0	34·0	34·7	34·7	2
3	33·1	33·1	33·3	33·3	33·7	33·8	34·2	34·2	35·3	35·3	35·2	35·2	35·3	35·3	34·8	34·8	35·0	35·0	35·2	35·2	35·7	35·7	36·0	36·0	3
4	34·2	34·2	34·0	34·0	33·9	33·9	33·6	33·3	33·0	33·0	33·3	33·3	33·2	33·2	41·3	33·7	44·6	34·3	45·6	35·3	45·3	35·3	46·8	36·0	4
5	42·9	34·0	36·1	35·0	34·3	34·0	34·1	34·1	34·1	34·1	33·2	33·2	33·9	33·9	33·8	33·8	34·3	34·3	35·7	35·7	36·2	36·1	36·3	36·2	5
6	34·9	34·9	34·8	34·8	35·0	35·0	35·8	35·8	35·2	35·1	34·9	34·9	35·1	35·1	34·7	34·7	34·8	34·8	35·8	35·8	36·2	36·1	36·7	36·7	6
7	37·1	37·1	37·3	37·3	37·7	37·7	37·9	37·9	37·8	37·8	37·4	37·4	37·7	37·7	37·8	37·8	37·7	37·7	37·9	37·9	37·7	37·7	37·4	37·4	7
8	23·9	22·0	24·0	22·0	23·0	23·0	23·2	23·2	23·2	23·3	23·2	23·2	23·3	23·3	23·0	23·0	23·2	23·2	23·5	23·5	24·1	24·1	24·4	24·4	8
9	23·0	23·0	23·0	23·0	22·8	22·8	22·9	22·9	23·0	23·0	22·6	22·6	22·5	22·5	23·0	23·0	23·5	23·5	24·6	24·6	24·3	24·3	24·4	24·5	9
10	23·0	23·0	23·0	23·0	23·1	23·1	23·2	23·2	23·8	23·8	23·9	23·9	23·6	23·6	23·7	23·7	23·6	23·6	23·8	23·8	25·0	25·0	24·3	24·3	10
11	19·9	19·9	20·0	20·0	19·1	19·2	19·1	19·1	19·3	19·3	19·2	19·2	18·6	18·6	19·1	19·1	19·5	19·5	20·1	20·1	20·3	20·3	20·3	20·3	11
12	17·8	17·9	16·0	16·0	15·5	15·7	15·5	15·5	16·3	16·3	17·7	17·8	19·0	19·0	19·9	19·9	21·2	21·2	22·2	22·2	22·9	22·9	23·8	23·8	12
13	23·4	23·4	23·4	23·4	23·6	23·6	23·4	23·4	23·3	23·3	22·9	22·9	22·5	22·5	22·8	22·8	22·9	22·9	22·8	22·8	23·8	23·8	25·0	25·0	13
14	27·8	27·8	28·2	28·3	29·0	29·0	29·0	29·0	27·8	27·8	24·3	24·3	23·7	23·7	22·8	22·8	21·6	21·6	21·1	21·1	21·4	21·4	21·1	21·1	14
15	18·9	18·9	19·0	19·0	19·3	19·3	19·9	19·9	20·2	20·2	20·4	20·4	20·9	20·9	21·5	21·5	22·8	22·8	24·6	24·6	24·6	24·6	24·2	24·2	15
16	25·3	25·4	27·0	27·0	27·8	27·8	28·0	28·0	28·1	28·0	28·8	28·8	29·5	29·5	30·5	30·5	31·5	31·5	32·0	32·0	32·2	32·0	33·1	32·3	16
17	37·2	27·2	39·0	30·4	39·2	29·1	40·0	29·3	37·0	29·0	37·2	30·2	33·0	32·3	34·7	34·7	33·9	34·0	34·8	34·8	34·4	34·4	34·5	34·5	17
18	31·4	31·4	31·3	31·3	31·7	31·7	31·8	31·8	32·0	32·0	32·2	32·2	32·2	32·2	32·7	32·2	33·3	32·4	34·0	34·0	34·3	34·3	34·5	34·5	18
19	33·4	33·4	33·9	33·9	33·9	33·9	33·8	33·8	34·2	34·2	34·5	34·5	34·2	34·2	34·2	34·2	34·3	34·3	34·8	34·8	35·0	35·0	35·2	35·2	19
20	28·0	28·0	28·2	28·2	28·0	28·0	27·6	27·6	27·2	27·2	27·2	27·2	26·8	26·8	27·7	27·7	27·3	27·3	27·6	27·6	28·2	28·2	28·8	28·8	20
21	25·1	25·1	25·0	25·0	25·0	25·0	24·8	24·8	23·3	23·4	22·7	23·0	22·6	22·8	22·7	22·9	22·8	23·0	24·1	24·0	23·7	23·9	24·5	24·0	21
22	25·3	25·3	25·6	25·6	26·1	26·1	26·9	26·9	27·4	27·4	28·4	28·4	29·2	29·2	30·1	30·1	31·1	31·1	32·0	32·0	32·4	32·4	32·9	32·9	22
23	34·9	34·9	34·3	34·3	33·9	33·9	34·9	34·9	35·0	35·0	34·5	34·5	32·0	32·0	30·7	31·8	29·8	29·9	29·7	29·8	29·7	29·8	29·8	29·9	23
24	17·3	17·6	17·2	17·7	17·3	17·7	17·4	17·7	17·6	18·0	17·6	18·0	16·9	17·1	17·0	17·2	17·2	17·4	17·2	17·5	17·8	18·0	18·1	18·3	24
25	16·1	16·2	16·4	16·7	16·9	17·0	17·1	17·2	17·6	17·8	18·0	18·1	18·6	18·8	18·8	19·0	18·9	19·0	19·3	19·5	20·3	20·3	21·4	21·4	25
26	22·9	22·9	21·8	21·8	21·8	21·8	22·1	22·1	23·1	23·1	25·3	25·2	26·8	26·9	27·8	27·9	28·8	28·8	29·7	29·7	30·4	30·4	30·9	30·9	26
27	36·3	36·3	36·8	36·8	37·0	37·0	37·2	37·2	37·2	37·2	37·3	37·3	37·4	37·4	37·4	37·4	37·5	37·6	37·9	37·9	38·1	38·2	38·0	38·0	27
28	32·8	32·8	32·1	32·1	32·0	32·0	30·1	30·1	30·2	30·2	30·1	30·1	29·4	29·4	30·6	30·6	28·8	28·9	29·8	29·9	29·7	29·8	28·7	28·9	28
29	27·8	27·8	27·4	27·4	27·2	27·2	27·3	27·3	26·2	26·2	26·3	26·3	25·4	25·4	25·7	25·9	26·2	26·3	26·8	27·0	26·9	27·0	27·0	27·2	29
30	27·1	27·1	26·4	26·4	26·4	26·3	25·8	25·8	25·7	25·7	26·0	26·0	26·0	26·0	26·1	26·2	25·9	26·0	26·3	26·4	26·1	26·3	26·3	26·5	30
31	25·0	25·0	25·9	25·9	25·8	25·8	25·9	25·9	26·0	26·0	25·3	25·3	25·0	25·0	25·2	25·2	25·8	25·8	26·2	26·2	26·7	26·8	26·5	26·7	31
Means.	28·3	27·5	28·1	27·7	28·1	27·7	28·2	27·8	28·1	27·8	28·0	27·8	27·8	27·8	28·4	28·1	28·6	28·3	29·2	28·9	29·6	29·2	29·9	29·3	Means.

OCTOBER 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	38·7	33·3	36·2	35·3	36·0	35·9	35·8	35·8	34·7	34·7	34·3	34·3	34·1	34·1	33·1	33·1	32·4	32·4	33·1	33·1	32·2	32·2	32·1	32·1	35·8	34·7	1
2	35·1	35·1	35·6	35·6	34·6	34·6	34·4	34·4	34·2	34·2	34·1	34·1	33·9	33·9	34·2	34·2	34·0	34·0	33·4	33·4	34·0	34·0	33·9	33·9	33·8	33·8	2
3	36·3	36·3	36·5	36·5	35·9	35·9	35·9	35·9	35·2	35·2	34·8	34·8	34·6	34·6	34·9	34·9	34·8	34·8	34·8	34·8	34·4	34·4	34·9	34·9	35·0	35·0	3
4	46·3	35·7	47·3	35·6	48·3	36·2	50·1	36·3	50·0	36·0	47·8	35·0	44·8	33·7	45·5	33·5	43·0	33·7	43·0	35·2	43·0	33·7	46·0	33·1	42·2	34·5	4
5	36·0	36·0	35·2	35·2	36·0	36·0	35·7	35·7	35·1	35·1	35·3	35·3	35·3	35·3	34·9	35·0	34·6	34·6	34·9	34·8	34·1	34·1	34·9	34·9	35·3	34·8	5
6	37·1	37·1	36·1	36·0	36·3	36·3	35·8	35·8	35·3	35·3	35·8	35·8	37·1	37·1	37·2	37·2	37·6	37·6	37·3	37·3	37·4	37·4	36·9	36·9	36·0	36·0	6
7	36·8	36·8	35·2	35·2	34·4	34·3	32·9	32·9	32·0	32·2	29·1	29·1	26·9	27·1	26·8	26·8	25·2	25·2	25·0	25·0	23·0	21·2	23·2	22·2	33·4	33·3	7
8	24·7	24·8	24·8	24·8	25·1	25·1	24·6	24·6	24·3	24·3	24·3	24·3	23·2	23·2	23·8	23·8	22·8	22·8	22·2	22·2	23·0	23·0	23·0	23·0	23·7	23·5	8
9	25·0	25·0	25·5	25·5	24·9	24·9	24·8	24·8	24·5	24·5	23·6	23·6	23·8	23·8	23·9	23·9	24·0	24·0	24·0	24·0	24·0	24·0	23·2	23·2	23·8	23·8	9
10	24·0	24·0	25·0	25·0	25·2	25·2	24·6	24·6	24·1	24·1	22·5	22·5	22·6	22·6	22·9	22·9	22·0	22·0	21·0	21·0	20·1	20·1	19·9	20·0	23·2	23·2	10
11	20·3	20·3	20·8	20·8	20·8	20·8	20·3	20·3	20·3	20·3	19·9	19·9	19·3	19·3	18·5	18·5	18·3	18·4	18·0	18·0	18·0	18·0	18·1	18·1	19·5	19·5	11·
12	24·2	24·2	24·8	24·8	24·8	24·8	24·0	24·0	23·8	23·8	23·3	23·3	23·6	23·6	23·8	23·8	23·7	23·7	23·5	23·5	23·8	23·8	23·7	23·8	21·4	21·5	12
13	25·6	25·6	26·0	26·0	25·9	25·9	25·3	25·5	25·4	25·4	25·9	25·9	25·8	25·8	25·9	25·9	26·3	26·3	26·3	26·3	26·3	26·3	27·2	27·2	24·7	24·7	13
14	20·8	20·8	20·4	20·5	20·0	20·0	19·1	19·1	18·4	18·4	18·2	18·2	18·3	18·3	18·0	18·0	17·7	17·8	18·0	18·0	17·7	18·0	18·0	18·0	21·8	21·8	14
15	25·2	25·2	25·9	25·9	25·1	25·1	25·0	25·0	24·8	24·8	25·1	25·1	24·2	24·2	23·8	23·8	27·0	25·0	26·9	25·0	25·0	25·0	25·1	25·1	23·3	23·1	15
16	34·0	34·0	34·1	34·1	34·6	34·6	34·3	34·3	33·7	32·0	37·2	28·2	39·2	33·0	38·0	32·0	37·1	27·0	37·1	26·8	38·2	27·0	37·7	27·0	32·9	30·1	16
17	35·0	35·0	33·3	33·3	32·5	32·5	32·9	32·9	33·0	33·0	33·0	33·0	32·3	32·3	32·2	32·2	32·0	32·0	32·0	32·0	32·1	32·1	32·1	32·1	34·5	32·2	17
18	34·1	34·2	34·0	34·0	33·9	34·0	33·9	33·9	33·2	33·2	32·8	32·8	32·2	32·2	32·1	32·1	32·3	32·3	32·9	32·9	33·1	33·1	33·3	33·3	32·9	32·8	18
19	35·5	35·5	36·0	36·0	36·0	36·0	36·8	36·8	37·3	37·3	37·3	37·3	34·5	34·5	32·1	32·1	30·0	32·0	28·8	28·8	29·4	29·4	28·4	28·4	33·9	34·0	19
20	29·0	29·0	28·4	28·4	29·0	29·0	27·9	27·9	27·2	27·2	27·2	27·2	25·8	25·8	25·9	25·9	25·7	25·7	25·9	25·9	26·0	26·0	25·4	25·4	27·3	27·3	20
21	27·0	26·8	27·0	27·0	27·9	27·1	25·2	25·7	26·7	22·4	25·0	24·6	24·8	24·6	25·0	23·8	24·9	24·3	24·1	23·9	24·5	24·8	25·0	25·0	24·7	24·5	21
22	33·0	33·0	33·1	33·1	33·1	33·1	33·3	33·3	33·7	33·7	33·7	33·7	33·7	33·7	33·7	33·7	33·5	33·5	33·8	33·8	34·0	34·0	34·6	34·6	31·3	31·3	22
23	29·2	29·3	28·9	28·9	27·8	27·8	27·0	27·0	26·2	26·2	25·3	25·3	25·0	25·0	21·9	21·9	21·1	21·0	20·2	20·1	20·3	20·2	17·8	17·8	28·3	28·3	23
24	16·5	16·9	16·9	17·0	16·3	16·8	15·5	16·0	15·0	15·2	15·1	15·3	15·3	15·4	15·2	15·2	15·2	15·3	15·6	15·9	15·5	16·0	16·0	16·1	16·5	16·8	24
25	21·6	21·6	21·5	21·5	21·9	21·9	21·2	21·1	22·4	22·4	22·6	22·6	23·3	23·3	24·3	24·0	24·9	24·8	25·1	25·0	24·1	24·1	22·9	22·9	20·6	20·7	25
26	31·2	31·2	31·4	31·4	31·2	31·2	31·5	31·6	31·9	32·0	32·0	32·0	32·2	32·0	32·3	32·2	33·2	33·2	34·4	34·4	35·2	35·2	35·7	35·8	29·3	29·3	26
27	38·1	38·2	38·0	38·0	37·1	37·1	36·1	36·1	35·2	35·2	34·2	34·2	34·1	34·1	35·0	35·0	35·0	35·0	35·3	35·3	35·0	35·0	33·9	33·9	36·5	36·5	27
28	29·0	29·0	28·8	28·8	28·9	29·0	28·4	28·6	28·2	28·2	28·3	28·3	28·1	28·1	28·2	28·2	28·1	28·1	27·9	27·9	27·4	27·4	27·2	27·2	29·3	29·3	28
29	28·0	28·1	27·4	27·7	28·2	28·2	28·0	28·0	28·0	28·0	27·8	27·8	28·1	28·1	27·0	27·0	26·3	26·3	26·2	26·2	26·7	26·7	27·1	27·1	27·0	27·1	29
30	27·2	27·3	26·9	26·9	27·8	27·8	27·1	27·1	28·2	28·2	27·7	27·8	27·9	28·0	27·6	27·6	26·5	26·5	26·4	26·4	26·6	26·6	26·2	26·2	26·7	26·7	30
31	26·4	26·6	25·1	25·1	25·0	25·0	24·7	24·7	21·6	21·4	21·7	21·6	22·8	22·8	21·7	21·7	22·7	22·7	24·3	24·3	26·1	26·1	27·0	27·0	24·9	24·9	31
Means.	30·0	29·5	29·9	29·5	29·8	29·4	29·4	29·0	29·1	28·5	28·9	28·2	28·6	28·0	28·4	27·7	28·1	27·5	28·1	27·5	28·1	27·4	28·1	27·3	28·7	28·2	Means.

NOVEMBER 1887.

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·1	27·1	27·8	27·8	27·1	27·1	28·7	28·7	28·8	28·8	29·4	29·4	29·2	29·2	29·2	29·2	28·2	28·2	28·0	28·0	27·9	27·9	28·0	28·0	1
2	27·9	27·9	28·1	28·1	28·0	28·0	28·2	28·2	29·2	29·2	28·9	28·9	28·9	28·9	29·0	29·0	28·6	28·7	28·7	28·8	28·8	28·9	29·1	29·2	2
3	28·0	28·0	27·8	27·8	26·8	26·8	25·4	25·4	26·0	26·0	26·1	26·1	26·7	26·7	27·3	27·3	27·6	27·7	27·3	27·4	27·0	27·1	27·4	27·5	3
4	24·0	24·0	23·9	23·0	24·7	23·5	24·0	24·0	24·3	24·5	24·4	24·5	24·8	24·8	25·2	25·2	25·8	25·9	26·3	26·3	27·0	27·0	27·9	27·9	4
5	29·0	29·0	28·1	28·1	28·5	28·5	28·3	28·3	28·0	28·0	28·8	28·8	26·9	26·9	27·7	27·7	28·2	28·2	28·5	28·5	28·3	28·4	28·9	29·0	5
6	27·1	27·1	27·0	27·0	27·0	27·0	27·1	27·1	27·8	27·4	27·7	27·7	28·0	28·0	27·8	27·9	27·8	27·7	27·8	27·4	27·9	27·8	28·0	28·0	6
7	28·7	28·7	28·2	28·2	28·2	28·2	28·0	28·0	27·5	27·7	28·2	28·2	27·6	27·7	27·9	28·0	28·8	28·8	29·0	28·9	28·1	28·1	28·2	28·2	7
8	29·8	29·8	30·1	30·1	30·3	30·3	30·5	30·5	30·7	30·7	30·7	30·7	30·7	30·7	30·3	30·3	30·3	30·3	30·3	30·3	30·0	30·0	30·7	30·7	8
9	28·9	28·9	29·0	29·0	29·3	29·3	27·9	27·9	26·0	26·1	26·4	26·5	27·0	27·0	27·8	27·9	26·8	26·8	27·5	26·8	29·3	27·7	31·3	27·8	9
10	37·9	26·3	36·9	26·0	35·0	25·0	33·6	24·1	31·0	24·0	26·2	23·6	24·0	22·2	27·7	24·3	25·0	24·6	27·3	26·0	25·0	25·0	25·1	25·2	10
11	23·3	23·3	23·6	23·8	23·9	23·9	24·1	24·1	24·2	24·2	23·3	23·3	23·9	24·0	23·8	23·9	24·6	24·6	25·1	25·1	26·2	26·2	26·1	26·1	11
12	35·0	26·9	35·2	26·1	34·2	25·7	34·2	25·4	34·8	25·9	34·1	25·9	34·7	25·4	23·0	23·0	22·2	22·4	32·6	25·6	32·3	26·0	23·2	23·6	12
13	24·0	24·0	23·4	23·4	23·4	23·4	24·0	24·0	23·4	23·4	22·7	22·9	23·0	23·1	22·1	22·2	22·2	22·4	22·0	22·0	24·0	24·2	25·4	26·4	13
14	18·1	18·8	18·4	19·0	18·3	18·8	18·8	18·9	18·4	18·8	18·8	18·9	19·0	19·0	19·1	19·1	19·1	19·1	19·2	19·3	19·0	19·0	19·0	19·0	14
15	15·0	15·0	15·0	13·9	15·1	14·9	15·3	15·3	16·0	15·8	15·4	15·3	16·6	15·0	16·3	15·0	16·4	15·0	17·0	15·8	18·8	17·0	17·3	15·9	15
16	22·2	22·1	23·9	23·9	25·1	25·1	25·1	25·1	26·0	26·0	27·4	27·4	29·2	29·2	30·0	30·0	31·0	31·0	31·5	31·5	31·9	31·9	32·0	32·0	16
17	30·4	30·4	29·5	29·5	28·8	28·9	28·2	28·2	27·0	27·0	27·7	27·7	27·4	27·4	27·2	27·2	27·2	27·2	28·1	28·1	28·6	28·6	28·3	28·5	17
18	28·8	28·8	28·1	28·1	27·9	27·9	27·4	27·6	27·0	27·0	26·4	26·5	26·0	26·0	25·9	26·0	25·9	26·0	25·8	25·9	26·2	26·3	26·4	26·6	18
19	24·1	24·3	24·1	24·3	24·1	24·2	24·1	24·1	23·2	23·5	22·6	23·0	22·9	22·9	23·7	23·8	24·4	24·4	24·5	24·5	24·9	24·9	23·9	23·8	19
20	26·0	26·0	25·7	25·7	25·4	25·4	25·3	25·3	27·2	26·1	26·2	25·3	26·3	25·7	25·7	25·4	27·2	26·7	25·1	25·1	25·7	25·7	25·3	25·5	20
21	22·9	22·9	22·9	22·9	23·0	23·0	22·1	22·1	22·2	22·2	23·1	23·1	23·6	23·6	23·3	23·3	23·3	23·3	24·0	24·0	24·9	24·9	25·6	25·6	21
22	27·4	27·4	27·4	27·4	27·1	27·1	26·9	26·9	26·0	26·0	25·8	25·8	26·3	26·3	26·1	26·1	26·1	26·1	26·0	26·0	25·8	25·8	25·2	25·2	22
23	24·0	18·0	25·2	18·5	24·1	17·8	20·5	17·0	18·1	16·3	21·4	16·7	23·0	17·0	22·3	17·0	23·4	17·9	25·1	18·8	24·4	18·4	25·9	20·1	23
24	26·3	26·3	25·7	25·8	24·9	24·9	25·0	25·0	26·0	26·0	26·2	26·2	27·4	27·4	28·0	28·0	28·1	28·1	29·0	29·0	29·4	29·4	30·3	30·3	24
25	24·3	24·4	24·7	24·8	24·2	24·2	25·0	25·0	23·4	23·4	23·6	23·6	24·0	24·0	23·4	23·4	23·9	23·9	23·7	23·7	23·9	24·0	23·4	23·4	25
26	33·0	33·0	34·0	34·0	35·8	35·8	36·9	36·9	37·1	37·1	37·0	37·0	37·0	37·0	36·7	36·7	35·9	35·9	34·0	34·0	31·4	32·0	30·0	30·0	26
27	28·0	28·0	28·0	28·0	29·0	29·0	28·0	28·0	27·0	27·0	26·0	26·0	26·2	26·2	26·3	26·3	25·6	25·7	25·8	26·0	25·1	25·2	24·6	24·8	27
28	22·5	18·1	21·3	18·9	21·2	19·7	22·9	22·9	23·3	23·3	22·9	22·9	22·7	22·8	23·5	23·5	24·0	24·0	23·9	23·9	24·1	24·2	24·2	24·2	28
29	25·0	25·0	24·4	24·4	24·8	24·8	24·3	24·3	24·0	24·0	23·4	23·4	23·3	23·3	23·0	23·0	23·0	23·0	23·7	23·7	24·3	24·3	24·5	24·5	29
30	19·1	19·1	20·0	20·0	20·3	20·3	20·8	20·8	20·7	20·7	22·0	22·0	23·0	23·0	23·8	23·8	25·2	25·2	28·0	28·0	29·3	29·3	29·8	29·8	30
31																									31
Means.	26·3	25·3	26·2	25·2	26·2	25·3	26·0	25·3	25·8	25·2	25·8	25·2	26·0	25·3	25·8	25·4	25·9	25·6	26·5	25·9	26·6	26·2	26·5	26·2	Means.

NOVEMBER 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	27·5	27·5	27·9	27·9	28·1	28·1	28·0	28·0	27·8	27·8	30·4	30·4	29·4	29·4	29·8	29·8	29·2	29·2	27·8	27·8	27·9	27·9	28·5	28·5	28·4	28·4	1
2	28·7	28·8	28·6	28·6	28·4	28·4	28·5	28·5	28·8	28·8	28·9	28·9	29·4	29·4	29·7	29·7	28·8	28·8	27·8	27·8	28·2	28·2	28·1	28·1	28·6	28·7	2
3	27·9	27·9	28·2	28·1	28·1	28·1	27·8	27·8	26·7	26·8	26·6	26·7	26·2	26·2	26·1	26·1	25·6	25·6	25·2	25·2	24·9	24·9	25·0	25·0	26·7	26·8	3
4	28·0	28·0	28·8	28·8	29·1	29·1	29·4	29·4	29·3	29·3	29·2	29·2	29·1	29·1	29·7	29·7	30·1	30·1	30·0	30·0	29·1	29·1	28·9	28·9	27·2	27·1	4
5	29·3	29·5	29·0	29·0	28·9	29·0	28·1	28·1	27·1	27·1	26·3	26·5	27·0	27·2	26·8	27·0	26·6	26·5	26·4	26·4	26·9	26·9	27·0	27·0	27·9	27·9	5
6	28·6	28·7	29·1	29·1	29·0	29·0	29·0	29·0	29·3	29·3	29·7	29·7	29·2	29·2	29·9	29·9	29·8	29·8	29·0	29·0	29·1	29·1	29·0	29·0	28·4	28·4	6
7	28·0	28·0	27·8	27·8	27·8	27·8	27·8	27·8	28·0	28·0	28·2	28·2	28·8	28·8	29·1	29·1	29·6	29·6	29·2	29·2	29·4	29·4	29·6	29·6	28·4	28·4	7
8	29·8	29·8	29·4	29·4	28·8	28·8	28·3	28·3	28·7	28·9	29·1	29·1	29·3	29·3	29·3	29·3	30·1	30·1	28·9	28·9	28·9	28·9	28·1	28·1	29·7	29·7	8
9	32·2	27·0	32·2	26·8	31·6	25·1	29·0	23·8	30·5	23·4	30·0	23·0	31·4	23·0	33·0	23·9	34·0	24·4	34·9	24·4	36·0	26·8	36·9	26·2	30·4	26·2	9
10	25·6	25·7	25·6	25·7	25·2	25·2	24·7	24·7	24·8	24·8	25·1	25·1	25·0	25·0	24·6	24·6	24·1	24·1	24·0	24·0	23·8	23·8	24·1	24·1	27·1	24·7	10
11	25·8	25·9	25·3	25·3	24·9	25·0	31·0	25·0	32·5	25·1	34·1	27·2	32·6	24·8	31·2	25·0	31·2	25·0	32·9	26·8	32·1	31·0	32·0	25·2	27·4	25·2	11
12	23·4	23·8	23·4	23·6	23·0	23·1	22·8	22·8	22·7	22·9	22·8	22·9	22·9	23·0	23·2	23·2	23·9	23·9	24·0	24·0	24·0	24·0	24·5	24·5	27·3	24·3	12
13	22·6	23·5	22·5	23·1	23·9	22·3	23·1	22·0	22·4	21·2	22·3	21·0	23·1	20·0	22·8	19·0	23·3	18·1	24·1	19·0	17·4	18·0	18·1	18·3	22·7	22·0	13
14	18·2	18·3	18·1	18·2	18·1	18·2	17·2	17·3	17·4	17·7	17·0	17·2	16·4	16·8	16·9	17·0	16·3	16·8	16·5	16·9	15·4	16·0	15·2	15·2	17·8	18·1	14
15	18·1	16·6	18·3	16·0	17·6	15·4	17·0	15·0	16·4	15·2	17·0	16·2	18·3	18·3	18·2	18·2	18·8	18·8	19·5	19·5	20·2	20·2	21·3	21·3	17·3	16·4	15
16	32·0	32·0	32·0	32·0	32·0	32·0	31·8	31·9	31·6	31·6	31·3	31·3	31·3	31·3	31·2	31·2	31·2	31·2	31·0	31·0	31·0	31·0	31·1	31·1	29·7	29·7	16
17	28·9	28·9	28·9	28·9	29·0	29·0	29·0	29·0	29·2	29·2	29·2	29·2	29·2	29·2	29·3	29·5	29·1	29·1	29·1	29·1	28·9	28·9	29·0	29·0	28·6	28·7	17
18	25·9	26·0	25·9	25·9	25·8	25·8	25·3	25·3	25·2	25·2	25·2	25·2	25·0	25·0	25·0	24·9	24·7	24·8	24·3	24·6	24·3	24·4	24·2	24·4	25·9	26·0	18
19	23·6	23·3	23·2	23·2	23·9	23·9	24·3	24·3	25·0	25·0	24·8	24·8	25·1	25·1	25·1	25·1	25·1	25·1	25·8	25·8	25·8	25·8	26·0	26·0	24·3	24·4	19
20	25·6	25·9	25·5	25·7	25·8	25·8	25·2	25·2	24·7	24·9	24·0	24·1	23·5	23·7	23·3	23·3	23·6	23·6	22·2	22·2	22·1	22·1	22·2	22·2	25·0	24·9	20
21	25·8	25·8	25·6	25·6	25·8	25·8	25·3	25·3	25·0	25·0	24·0	24·0	24·2	24·0	25·2	25·2	25·0	25·0	26·0	26·0	27·1	27·1	27·3	27·3	24·5	24·5	21
22	24·7	24·8	23·2	23·2	24·9	24·9	24·1	24·1	22·9	22·5	22·7	22·2	22·6	20·6	21·2	19·8	20·1	18·8	19·0	18·0	20·3	18·2	25·0	19·5	24·4	23·9	22
23	24·8	18·9	25·0	20·0	23·2	17·0	21·4	16·2	22·8	18·9	21·2	21·2	23·0	23·0	23·7	23·7	24·5	24·5	25·0	25·0	25·3	25·3	26·5	26·5	23·5	19·7	23
24	31·5	31·5	31·0	31·0	30·0	30·0	28·1	28·1	27·5	27·5	26·1	26·1	25·2	25·2	25·3	25·5	25·4	25·4	25·2	25·2	25·3	25·3	25·0	25·0	27·2	27·2	24
25	23·4	23·4	24·0	24·0	23·9	23·9	23·8	23·8	23·7	23·7	24·0	24·0	24·1	24·1	25·0	25·0	26·0	26·1	28·2	28·0	31·8	31·8	32·2	32·2	24·9	24·9	25
26	30·1	30·1	30·1	30·1	30·2	30·2	30·6	30·8	30·0	30·0	29·2	29·2	30·1	30·1	29·0	29·0	29·3	29·3	28·9	28·9	28·6	28·6	28·1	28·1	32·2	32·2	26
27	24·1	24·2	24·2	24·3	23·9	24·0	21·9	22·0	20·6	20·6	22·4	22·4	22·3	22·3	21·7	21·8	21·2	21·2	20·4	20·8	18·3	18·8	18·3	18·2	24·1	24·2	27
28	25·0	25·0	24·8	24·8	25·0	25·0	25·1	25·1	25·1	25·1	25·2	25·3	25·2	25·2	24·9	24·9	25·0	24·9	23·8	23·8	24·8	24·8	25·0	25·0	24·0	23·6	28
29	24·1	24·0	23·6	23·6	22·8	22·9	22·3	22·3	22·9	22·9	23·2	23·2	23·2	23·2	23·1	23·1	22·6	22·6	20·4	20·6	19·3	19·5	18 0	18·1	23·0	23·1	29
30	29·2	29·3	29·1	29·1	29·2	29·2	29·9	29·9	30·0	30·0	30·7	30·7	31·0	31·0	32·0	32·0	33·0	32·5	34·2	33·8	33·5	33·6	34·0	34·0	27·4	27·4	30
31																											31
Means.	26·4	26·1	26·3	26·0	26·3	25·7	26·0	25·4	26·0	25·3	26·0	25·5	26·1	25·4	26·2	25·5	26·2	25·5	26·1	25·4	26·0	25·6	26·3	25·5	26·1	25·6	Means.

DECEMBER 1887

Temperature—Dry and Wet Bulbs.

	1		2		3		4		5		6		7		8		9		10		11		12		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	33·7	33·7	33·7	33·7	33·2	33·2	32·9	32·9	32·9	32·9	33·2	33·2	33·7	33·7	33·0	33·0	33·3	33·3	33·5	33·5	33·3	33·3	33·9	33·9	1
2	33·9	33·9	34·0	34·0	34·1	34·1	33·7	33·7	32·5	32·5	33·0	33·0	32·9	32·9	32·2	32·2	33·0	33·0	33·2	33·2	33·6	33·6	33·9	33·9	2
3	34·1	34·1	34·1	34·1	34·2	34·2	34·0	34·0	33·7	33·7	33·9	33·9	33·8	33·8	34·0	34·0	34·0	34·0	34·2	34·2	34·6	34·6	35·0	35·0	3
4	21·3	21·2	21·7	21·7	20·9	20·8	21·1	21·1	20·7	20·8	20·3	20·5	20·7	20·8	20·0	20·0	20·6	20·8	21·3	21·3	21·5	21·5	21·4	21·4	4
5	24·3	24·3	25·0	25·0	25·1	25·1	25·1	25·1	25·2	25·2	24·9	24·9	25·3	25·3	25·3	25·3	26·0	26·0	26·0	26·0	26·7	26·7	26·3	26·3	5
6	28·2	0·2	28·3	28·3	27·2	27·2	26·8	26·8	27·2	27·2	28·0	28·0	27·9	27·9	28·0	28·0	26·0	26·1	25·8	25·9	25·6	25·8	24·1	24·1	6
7	16·5	16·7	16·9	16·9	16·4	16·3	16·7	16·9	17·0	17·0	17·8	18·0	18·1	18·1	17·9	18·0	17·7	17·9	18·0	18·1	17·9	18·0	17·8	18·0	7
8	17·3	17·4	17·4	17·4	16·8	16·9	17·0	17·1	17·1	17·3	17·0	17·1	16·6	17·0	16·4	16·8	16·2	16·3	17·1	17·1	18·2	18·3	19·1	19·2	8
9	24·9	25·0	23·2	23·3	22·0	22·1	21·3	21·3	21·0	21·0	20·3	20·5	20·8	20·9	20·8	20·9	20·8	20·8	21·0	21·0	21·1	21·1	18·6	18·7	9
10	13·6	13·6	14·0	14·0	14·0	14·0	14·2	14·2	14·2	14·1	14·2	14·1	14·3	14·3	13·4	13·4	14·3	14·3	15·1	15·0	15·9	16·0	16·9	16·9	10
11	14·5	14·7	14·3	14·4	14·4	14·4	14·5	14·5	14·2	14·3	14·1	14·1	15·6	15·8	15·6	15·8	16·3	16·3	17·8	17·8	17·8	18·0	19·1	19·2	11
12	20·2	20·2	19·1	19·2	18·9	19·0	18·1	18·1	17·9	18·0	17·6	17·9	17·2	17·3	16·8	16·9	16·3	16·3	16·9	15·2	16·8	16·1	17·3	17·0	12
13	22·1	22·1	22·5	22·8	26·0	26·0	26·8	26·8	28·3	28·3	29·5	29·5	31·3	31·3	32·0	32·0	32·2	32·0	32·2	32·1	32·1	32·1	32·1	32·1	13
14	19·0	19·0	19·1	19·1	19·1	19·1	20·1	20·1	20·2	20·2	20·7	20·8	20·2	20·2	19·4	19·4	18·7	18·7	19·6	19·8	20·1	20·1	21·1	21·2	14
15	23·3	23·3	22·9	22·9	25·2	23·0	22·9	22·6	22·9	22·8	22·9	23·0	23·3	23·3	23·0	23·0	23·1	23·1	23·0	23·0	23·3	23·3	23·3	23·3	15
16	30·7	30·7	29·0	29·0	29·9	29·9	29·7	29·7	29·7	29·7	29·2	29·2	28·4	28·4	28·1	28·1	27·9	27·9	29·0	29·0	28·6	28·7	27·0	27·1	16
17	26·0	26·0	26·2	26·2	26·7	26·7	26·1	26·1	25·1	25·1	24·2	24·2	23·3	23·3	22·8	22·8	22·3	22·3	22·3	22·3	21·9	21·9	21·3	21·3	17
18	20·1	20·1	20·1	20·1	19·8	19·8	19·0	19·0	18·8	18·8	18·2	18·2	17·9	17·9	18·0	18·0	17·1	17·1	17·0	17·0	17·3	17·3	16·4	16·4	18
19	21·0	21·0	21·3	21·3	21·4	21·4	21·3	21·3	21·4	21·4	21·3	21·3	21·4	21·4	21·4	21·4	21·9	21·9	22·1	22·1	22·8	22·8	22·7	22·7	19
20	21·1	21·1	20·4	20·4	19·7	19·7	18·8	18·8	17·8	17·9	17·9	17·9	18·1	18·1	18·7	18·8	18·2	18·2	18·3	18·3	18·4	18·4	18·4	18·4	20
21	15·1	15·1	15·0	15·0	15·6	15·6	15·2	15·2	15·0	15·0	14·8	14·8	14·4	14·4	14·4	14·4	14·7	14·7	14·7	14·7	14·5	14·5	14·2	14·2	21
22	14·0	14·0	15·1	15·1	17·1	17·1	18·0	18·0	20·1	20·1	20·1	20·2	20·2	20·2	21·3	21·3	21·2	21·2	21·4	21·4	22·8	22·8	24·1	24·1	22
23	26·1	21·2	27·4	19·1	26·0	19·2	26·3	18·2	24·5	18·9	24·5	18·0	24·2	17·6	23·2	17·6	24·4	19·5	23·5	19·4	24·1	22·3	24·0	24·3	23
24	28·8	28·8	27·8	27·8	27·3	27·3	26·8	26·8	25·9	25·9	25·0	25·1	24·8	24·9	24·6	24·8	24·3	24·3	24·0	24·0	24·0	24·0	23·6	23·6	24
25	25·1	25·1	26·1	26·1	26·1	26·1	25·1	25·1	25·6	25·8	25·8	26·0	26·2	26·3	26·8	26·8	26·2	26·2	26·5	26·5	26·6	26·6	26·8	26·8	25
26	26·0	26·0	26·0	26·0	25·3	25·4	25·2	25·2	24·7	24·8	23·9	24·0	23·1	23·2	22·3	22·4	21·9	22·0	22·3	22·4	22·1	22·2	22·2	21·5	26
27	16·0	15·9	15·1	15·0	14·2	14·1	13·9	13·9	13·4	13·6	15·3	15·1	15·1	15·0	14·8	14·5	13·2	13·1	16·0	15·0	16·6	15·5	18·2	16·9	27
28	24·2	24·2	25·1	25·1	24·8	24·8	24·1	24·1	23·4	23·4	23·9	23·9	24·1	24·0	24·7	24·7	24·9	24·9	24·3	24·3	25·0	25·0	24·8	24·8	28
29	26·8	23·0	26·0	23·0	25·0	21·8	25·8	21·6	23·9	20·1	23·2	20·0	26·8	21·9	23·2	20·9	20·1	20·1	23·0	22·3	25·2	23·0	26·8	23·6	29
30	19·8	19·8	19·7	19·7	19·3	19·3	19·1	19·1	21·3	21·2	23·1	21·0	25·0	22·1	24·9	22·1	23·9	21·8	25·6	22·0	26·0	22·0	27·7	22·4	30
31	26·6	20·8	26·0	20·9	18·3	18·9	19·1	19·1	19·6	19·8	20·0	20·0	20·0	20·0	20·0	20·0	20·8	20·8	21·1	21·2	21·6	21·6	22·1	22·1	31
Means.	23·0	22·6	23·0	22·5	22·7	22·3	22·5	22·1	22·4	22·2	22·5	22·2	22·7	22·3	22·5	22·2	22·3	22·1	22·8	22·4	23·1	22·8	23·2	22·9	Means.

DECEMBER 1887.

Temperature—Dry and Wet Bulbs.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	33·9	33·9	34·0	34·0	33·9	33·9	33·9	33·9	33·4	33·4	33·2	33·2	33·8	33·8	33·1	33·1	34·0	34·0	33·9	33·9	33·8	33·8	33·9	33·9	33·5	33·5	1
2	33·7	33·7	33·7	33·7	34·0	34·1	34·2	34·2	34·0	34·0	34·0	34·0	34·2	34·2	34·6	34·6	35·0	35·0	35·0	35·0	35·0	35·0	34·2	34·2	33·8	33·8	2
3	35·3	35·3	35·6	35·6	35·6	35·6	32·0	32·0	29·5	29·5	28·2	28·2	27·0	27·0	26·8	26·8	25·0	25·0	23·9	23·9	22·6	22·6	21·5	21·5	31·4	31·4	3
4	21·3	21·3	21·1	21·1	21·0	21·0	20·2	20·2	21·1	21·1	21·8	21·8	21·6	21·7	21·9	21·9	22·1	22·1	22·5	22·5	23·3	23·3	24·7	24·7	21·4	21·4	4
5	26·2	26·2	26·0	26·0	26·7	26·7	27·2	27·2	28·0	28·0	29·0	29·0	28·6	28·6	28·1	28·1	27·3	27·3	27·9	27·9	28·1	28·1	27·7	27·7	26·5	26·5	5
6	22·1	22·2	21·2	21·2	21·1	21·1	20·8	20·8	19·4	19·8	18·9	19·0	19·1	19·2	17·9	17·8	17·0	17·0	16·9	16·9	16·1	16·1	16·1	16·1	22·9	22·9	6
7	17·1	17·3	18·0	18·0	18·1	18·1	18·0	18·0	17·4	17·8	17·0	17·1	16·9	17·0	17·1	17·1	17·5	17·6	16·7	16·7	17·4	17·4	17·4	17·4	17·4	17·5	7
8	19·3	19·3	20·6	20·7	19·9	20·0	19·9	20·0	20·1	20·1	20·0	20·0	23·1	23·0	27·0	27·0	29·8	29·8	29·2	29·2	28·1	28·1	26·3	26·3	20·4	20·5	8
9	16·2	16·2	15·1	15·1	14·0	14·0	13·0	13·0	12·4	12·1	12·0	11·9	12·5	12·9	12·6	12·6	13·2	13·2	13·4	13·4	13·3	13·3	13·3	13·3	17·4	17·4	9
10	17·4	17·5	17·1	17·1	16·1	16·1	15·8	15·9	16·1	16·1	15·8	15·9	16·0	16·0	15·9	15·9	15·1	15·0	15·4	15·4	15·1	15·0	15·1	15·1	15·2	15·2	10
11	20·3	20·3	21·1	21·1	21·2	21·2	21·4	21·4	21·4	21·4	21·3	21·3	21·2	21·2	21·0	21·0	21·7	21·7	21·3	21·3	21·0	21·0	20·5	20·5	18·4	18·4	11
12	17·2	17·2	18·3	18·3	18·1	18·1	18·4	18·4	18·4	18·6	18·9	18·9	18·7	18·8	18·1	18·1	18·1	18·1	17·9	17·9	18·1	18·1	21·9	21·9	18·1	18·1	12
13	31·6	32·0	28·9	28·9	28·0	28·0	27·2	27·2	25·2	25·2	23·9	23·9	23·1	23·1	22·5	22·5	21·9	21·9	21·9	21·9	20·8	20·8	19·8	19·8	26·7	26·8	13
14	22·1	22·1	23·0	23·0	23·2	23·2	23·9	23·9	24·1	24·1	24·3	24·3	24·3	24·3	24·1	24·1	24·0	24·0	23·9	23·9	23·8	23·8	23·5	23·5	21·7	21·7	14
15	23·5	23·5	23·1	22·9	24·7	24·6	24·0	24·0	24·6	24·6	25·1	25·0	25·0	25·0	25·4	25·4	26·3	26·3	27·7	27·7	27·2	27·2	28·6	28·6	24·3	24·2	15
16	26·0	26·1	27·3	27·3	27·1	27·1	27·2	27·2	26·8	26·9	27·1	27·1	27·3	27·3	26·3	26·3	26·0	26·0	25·8	25·8	24·9	24·9	25·0	25·0	27·7	27·7	16
17	21·9	22·0	21·9	21·9	21·2	21·2	21·0	21·0	21·5	21·5	21·7	21·8	21·2	21·2	20·9	20·9	20·7	20·7	20·2	20·2	20·3	20·3	20·3	20·3	22·5	22·6	17
18	15·4	15·4	15·9	15·3	16·3	15·2	15·2	14·9	15·1	14·7	15·4	15·5	16·4	16·4	17·8	17·8	17·8	17·8	17·4	17·4	18·1	18·1	20·1	20·0	17·5	17·5	18
19	22·5	22·5	22·5	22·5	23·0	23·0	23·4	23·4	23·3	23·3	23·1	23·0	22·6	22·6	22·0	22·0	21·3	21·3	21·2	21·2	21·2	21·2	21·1	21·1	22·0	22·0	19
20	17·9	17·9	17·2	17·2	17·0	17·0	16·6	16·6	16·6	16·6	16·8	16·9	16·8	16·9	16·2	16·2	16·1	16·1	15·4	15·4	15·1	15·1	14·9	14·9	17·6	17·6	20
21	14·0	14·0	14·2	14·1	13·9	13·9	13·5	13·5	13·2	13·2	13·1	13·1	13·0	13·0	13·0	13·0	13·0	13·0	13·8	13·8	14·2	14·2	13·9	13·9	14·2	14·2	21
22	25·0	25·0	27·3	27·3	28·4	28·4	30·2	30·2	31·2	31·2	31·0	31·0	31·0	31·0	30·1	30·1	27·8	27·8	25·9	25·9	24·9	24·9	20·4	20·8	23·7	23·7	22
23	27·5	27·5	28·5	28·5	29·4	29·4	30·0	30·0	30·7	30·9	30·7	30·9	30·2	30·2	30·0	30·0	29·5	29·5	29·1	29·1	29·0	29·0	28·9	28·9	27·2	24·6	23
24	23·8	23·8	22·5	22·6	20·6	20·8	21·0	20·4	20·2	20·2	20·9	20·6	21·1	20·8	22·0	20·9	22·4	22·4	24·5	24·8	24·4	24·4	24·3	24·3	23·9	23·9	24
25	26·5	26·5	26·3	26·3	26·1	26·1	25·4	25·4	24·9	24·9	24·4	24·4	24·9	24·9	24·4	24·4	25·0	25·0	25·0	25·0	25·7	25·7	25·7	25·7	25·7	25·7	25
26	24·6	21·9	25·0	22·5	21·2	20·7	18·9	19·0	19·4	19·6	20·0	20·0	20·1	20·1	20·2	20·2	20·2	20·2	18·7	18·7	16·9	16·8	16·2	16·1	21·9	21·7	26
27	21·5	19·0	23·6	21·3	23·0	20·8	20·3	18·8	19·0	19·0	19·6	18·5	18·4	18·8	23·1	23·1	23·1	23·1	23·7	23·7	24·0	24·0	24·5	24·5	18·6	18·0	27
28	24·1	24·1	24·1	24·1	23·9	23·9	23·0	23·0	23·0	23·0	28·2	24·2	25·9	23·4	26·0	23·3	25·8	23·0	26·2	22·8	27·0	23·1	27·2	23·2	24·9	23·9	28
29	23·2	23·0	28·0	24·0	27·1	23·2	28·0	23·1	22·9	21·7	20·4	21·0	20·3	20·6	20·1	20·1	20·1	20·1	20·3	20·3	20·0	20·0	19·7	19·7	23·6	21·6	29
30	28·2	22·2	26·3	21·3	28·0	21·8	25·3	20·7	26·6	21·0	26·3	20·9	27·0	21·7	26·8	21·1	27·0	21·8	26·4	21·3	25·2	21·1	25·0	21·0	24·7	21·2	30
31	22·7	22·7	22·1	22·2	23·0	23·0	21·9	21·9	22·3	22·3	22·6	22·6	22·2	22·2	22·4	22·4	22·9	22·9	22·3	22·3	20·7	20·9	20·3	20·3	21·7	21·3	31
Means.	23·3	23·0	23·5	23·1	23·4	22·9	22·9	22·6	22·6	22·4	22·7	22·4	22·7	22·5	22·8	22·5	22·8	22·5	22·7	22·4	22·4	22·2	22·3	22·1	22·8	22·5	Means.

DIRECTION AND

The Observation of Direction and Force of Wind is made always on the roof of the Observatory. The Scale used for pressure (0 to 12) has been found by comparison with a Robinson anemometer, mounted 18 feet above the roof, to have the following approximate values in miles per hour; the velocities corresponding to force 9 and upwards are interpolated.

Force,	1	2	3	4	5	6	7	8	9	10	11	12
Velocity,	5	12	21	31	39	50	63	73	85	96	108	120

DIRECTION AND FORCE OF WIND (0 to 12). DECEMBER 1883.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	E	4	NE	4	NE	4	ESE	2–3	ENE	3–4	ENE	3–4	NE	3	NE	2–3	NNE	3	N	3	NW	4	N	2
2	NE	2–5	NE	2–4	E	3–5	NE	3–5	[NE	4]	[NE	3]	[NE	3]	NE	2	SE	1–2	N	2–3	NE	[2]	E	1
3	[NW	4]	[NW	3]	[W	3]	WSW	2	Var.	[1–3]	N	[3]	W	[3]	NW	[3]	W	2–3	ESE	4	Var.	2–5	ENE	5–7
4	ENE	6	[NE	6]	[NE	5]	[NE	5]	[NE	5]	[NE	4]	[NE	4]	NE	3–5	NE	3–4	NE	3–4	NE	2–4	NE	2–3
5	N	2	NE	3	N	3	N	2	[NNE	2]	[NE	2]	[ENE	2]	E	1–2	ENE	2–3	NNE	3	E	3	E	3–4
6	[N	4]	[N	4]	[N	4]	N	2–3	NE	2–3	ENE	3	N	2–3	NE	3–4	N	3	NE	2	NE	2	NNE	2
7	N	1–2	N	2	NE	1	NNE	2	NNE	2	NNE	1–2	NNE	2	NE	2	N	2	N	2	N	2	NW	1–2
8	NW	2–3	N	2	WNW	2	NW	2	[NW	2]	[NW	2]	[NW	3]	[NW	3]	NNW	3	NNW	3	NW	2–3	NW	1–2
9	[SW	6]	[SW	5]	[SW	5]	[WSW	5]	WSW	4–5	W	4–5	W	4	W	3–4	WNW	2–3	W	2–3	WNW	1–3	NW	2–4
10	WSW	4–5	W	5–6	W	5	WSW	5	SW	4	SSW	5	S	6–7	SSW	6	SSW	6	SW	8	SSW	6	W	6
11	N	1–3	W	2–3	Var.	1–3	N	2–5	[N	2]	[N	3]	[NE	3]	[NE	3]	ENE	4	ESE	2–3	ENE	3–4	E	3
12	[Var.	0]	[NE	2]	[NE	3]	[NE	5]	[NE	6]	[NE	8]	[NE	7]	[NE	7]	NNE	7–8	NNW	8	NE	6–7	NNE	7
13	WSW	5	W	4	WNW	4	NW	2–4	W	5	W	6	WNW	5–6	NW	5–6	W	4–6	NW	5–6	WNW	5–6	WNW	2–5
14	NW	2–4	W	3–5	WNW	5	WNW	5	[WNW	5]	[WNW	4]	[WNW	4]	[W	4]	W	3	NNW	3–4	NW	3	W	3–4
15	[N	7]	[N	6]	[NW	5]	[NW	4]	NW	3	Var.	[3]	Var.	[3]	N	3	N	[2]	NE	2	N	2	N	0–2
16	E	3	E	2–3	E	3	Var.	2–3	ENE	5	NE	4	NE	4–5	NE	5	NNE	6	NE	5	NNE	5	E	6–7
17	NE	4–5	NNE	5	NE	3	NE	2–3	[NE	3]	[NE	3]	[ENE	3]	[ENE	3]	E	3	NNE	2–3	NNE	3	N	3
18	[WNW	4]	[WNW	5]	[WNW	5]	[WNW	4]	WNW	4	NW	6	W	4	W	3–4	WNW	3	WNW	3	W	3	NNW	2–4
19	E	1–3	NE	5	NE	5	N	3–5	NE	3–4	NNE	3–5	NNE	5–8	Var.	4–7	NNE	3–5	NNE	4	SE	2–3	NNE	3–4
20	NNW	2–4	NW	2–5	NW	3–5	NW	4	[NW	4]	[NNW	4]	[N	4]	[N	4]	NNE	3–4	N	3–4	N	2–3	NNE	3
21	[NW	1]	[NW	2]	[WNW	2]	[WNW	3]	WNW	3	W	4	W	4–5	W	4–5	W	5	NNW	3	NW	4–5	W	3–5
22	W	3–4	WNW	2–3	WNW	4	W	3–4	NW	3	NW	2–3	NNW	2	N	1	NW	2	W	2	WSW	2	WSW	2
23	N	3–4	N	3–4	NNE	3	N	3	[NNE	3]	[NNE	3]	[NE	2]	[NE	2]	E	0–2	N	2	E	1–2	NNE	2
24	[SSW	7]	[SSW	6]	[SW	4]	[SW	5]	SW	5–6	SSW	4	W	5	WNW	4–5	W	5	WNW	4	NW	3	N	2–3
25	W	3–5	NW	4	NW	4	WSW	5	WSW	3	WSW	2–3	SW	2	SW	3	WSW	3	WSW	3–4	SW	3–4	WSW	4
26	W	3	WSW	3	WSW	3–4	WSW	3–4	[WSW	3]	[WSW	4]	[SW	4]	SW	[3]	WSW	3	WSW	3	W	2	WSW	2–3
27	[WSW	2]	[WSW	3]	[SW	3]	[SW	3]	SSW	3–4	SW	2–3	SSW	3	S	4	SSW	4	SSW	[3]	S	2–3	S	3
28	SW	4	SW	4–5	SW	5	SW	4–5	SW	3	SW	3–4	SW	3–4	SW	2–3	SW	3	SW	3	SW	3	SSW	3–4
29	SW	4–6	SW	4–5	SW	4	SW	4	[SW	4]	[SW	4]	[SW	4]	[SW	4]	SW	5	SW	3	SW	3–4	SW	5
30	[NE	2]	[NE	2]	[ENE	2]	[ENE	3]	E	3	E	3–4	N	2–3	N	2	N	0–1	N	1	NNW	1	NW	0–1
31	W	2	NW	2	W	1	NW	0–1	N	2	NNW	1	NNE	0–1	NNE	0–1	ESE	0–1	SE	0–1	SE	0–1	SSE	1
MEANS	3·40*	3·50	3·50*	3·68	3·48*	3·56	3·20*	3·47	3·50*	3·48	3·59*	3·58	3·62*	3·56	3·31*	3·40	3·35*	3·31	3·27*	3·26	3·05*	3·02	3·10*	3·10

FORCE OF WIND.

During the first five months there are several breaks in the record, especially during the night; these have been filled in, the interpolated entries being marked by brackets. Double Hourly Means are given; those marked by * are the Mean of the observed entries only, the others that of the total entries for the hour.

From the beginning of May 1884 onwards, when the record became practically continuous, only single Hourly Means are given. Interpolated entries are marked by brackets, but are included in these Means.

DIRECTION AND FORCE OF WIND (0 to 12). DECEMBER 1883.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	3	NW	2	W	4	WNW	4	W	4	W	4–5	W	2–4	WNW	2–5	W	[3]	E	4	NE	2	N	3–5	3·3
2	NE	2–4	N	3	N	2–4	NE	4	W	3–4	E	3–4	W	3–4	NE	3–4	N	4	NW	4–6	NNW	5	Var.	2–6	3·3
3	ENE	4–6	NE	5–6	NE	5–6	NNE	6	NE	8–9	NE	7	NE	8	ENE	7–8	[NE	7]	[NE	7]	[NE	6]	NNE	5–6	4·9
4	NE	3	NNE	2	NE	1–2	N	2	NNW	3–4	NE	4	NE	3	Var.	2–3	NNW	2–3	NE	3	E	3–4	N	[3]	3·5
5	E	2–3	ENE	2–3	NE	3	NE	2–3	NE	3	NE	3–4	NE	2–3	NE	1–2	N	1–2	N	4	N	4–6	NNE	4–5	2·7
6	NNE	2	N	2	NNE	2	NNW	1	N	1	N	1	N	1–2	N	1–2	NE	1	[NNE	1]	[N	1]	N	1	2·1
7	N	1–2	N	2	N	2–3	NW	2	NW	2–3	W	2	W	2	N	1–2	WNW	2	N	1	N	1–2	N	2–3	1·8
8	NW	3	WSW	3–4	W	2	WNW	2	W	4	SW	4	SW	3	SW	4	SW	4	SW	5	SW	6	SW	6	3·1
9	WSW	1	W	3	NW	0–1	W	3	NW	3	WNW	2	W	2	SW	3	[WSW	3]	[WSW	3]	[WSW	4]	[WSW	4]	3·3
10	W	6	WNW	5	W	3–4	SW	2–4	Var.	0–2	W	3	WSW	2–3	N	1–3	WNW	2–3	W	1–2	N	2–3	E	2	4·2
11	E	2–3	ENE	2–4	WNW	3	W	4–5	SW	5–6	[SW	7]	SW	8	[SW	8]	[SW	7]	[SW	5]	[SW	4]	[SW	2]	3·9
12	NE	5	N	2–6	NE	5	SE	1–3	E	4–5	E	1–4	NE	1–2	N	2–3	[NW	3]	[WNW	3]	[W	4]	WSW	4	4·5
13	NW	3	NW	4	WNW	3–5	WNW	3–4	W	4–6	N	2–4	NNW	5–6	WNW	4	W	4	NW	4	W	4	W	4–5	4·4
14	N	0–3	NNE	2	NE	4	NW	3	[NW	4]	NNW	4	W	4	W	3–4	NW	6	E	7–8	NE	7–9	NNE	7–8	4·2
15	NNE	2	NNW	1	NNW	1	NNW	2	N	3	NE	3	NE	3	NE	3–4	[NNE	4]	N	[4]	[NNE	4]	NE	3–4	3·1
16	ENE	5–7	NE	7	NNE	8	NE	6	NE	6	N	2	NE	5	NNE	5–7	NE	4	E	3	N	5	NE	5	4·8
17	ENE	2–3	ENE	3	NE	3	NE	3–4	N	4	NE	3	N	2–3	N	3–4	NNW	3	NW	2	NW	4	NW	4	3·2
18	NE	2–3	E	3	N	4	NNE	3	N	2–4	NE	2–3	NE	3	E	2–3	[E	3]	[ENE	3]	[ENE	4]	ENE	4	3·5
19	E	[3]	NW	3	NW	2	W	3–4	W	3	W	3–4	W	2–3	NW	4–6	NW	[4]	W	3	W	3	W	3–4	3·7
20	N	2–3	N	2–3	NW	2	N	2–3	N	3	N	3	N	1–2	NNE	0–2	NE	1	E	1	N	1–2	NW	1	2·7
21	WNW	4–6	W	4	WNW	4–5	N	4–5	N	1–5	NW	5	N	4	NW	3–5	[NW	4]	[NW	3]	[NW	3]	NW	2	3·6
22	W	2	WSW	2–3	W	2	NW	1–2	N	3	N	3	N	2	NNW	3	N	1–2	N	2–3	N	1–2	N	3	2·4
23	NW	2	NW	1	NW	0–2	WSW	2–3	SW	3	SW	4–5	SSW	5	SSW	6	SW	6–7	SSW	7	SW	8	SSW	7	3·5
24	N	2–3	NNW	2–3	NW	0–1	W	2–3	W	3	W	3	WSW	4	WSW	3	[WSW	3]	[WSW	3]	[W	3]	[W	4]	3·7
25	WSW	4	WSW	3	W	2–3	WSW	2–3	SW	4	W	4	WSW	3	SW	3	W	1–2	W	3	W	4–5	W	4–5	3·4
26	SW	2–3	SW	3–4	SW	3	W	2	WNW	2	WNW	2–3	W	2	W	2	W	2	W	2	WSW	1	W	1–2	2·6
27	S	3	S	3–4	S	3	S	3–4	S	4	S	4–5	S	4	S	3	[SSW	3]	[SSW	3]	[SW	3]	SW	3	3·2
28	S	4–5	SSW	4	SSW	4–5	SW	4	SW	4	S	4–5	SW	4–5	SW	4	SW	5	SW	5–6	SW	5–6	SW	6	4·1
29	SW	4–5	SW	4–5	SW	4	SW	4–5	SW	4–5	SW	4–5	WSW	4	WSW	3	NW	2	NNW	2	NNE	1–2	NE	2	3·8
30	N	1	Calm,	0	Calm,	0	NW	1	NW	1	NW	1	N	0–1	NW	1	[NW	1]	[WNW	1]	[WNW	2]	WNW	1–2	1·4
31	S	2	SSW	1	SE	0–1	SE	1–2	SE	2	SE	2	SE	2–3	SE	3	SE	3	SSE	4	ESE	4	E	4	1·7
MEANS	3·02*	3·02	2·98*	2·98	2·87*	2·87	3·00*	3·00	3·47*	3·48	3·32*	3·44	3·32*	3·32	3·23*	3·39	3·00*	3·29	3·50*	3·42	3·85*	3·71	3·74*	3·68	3·34

Direction and Force of Wind (0 to 12). JANUARY 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SE	3-4	SE	5	ESE	5	E	5	[ESE	5]	[ESE	5]	[ESE	5]	[SE	5]	SE	4-5	SE	5	SE	4-5	SE	4
2	[SE	4]	[SE	4]	[SE	4]	[SE	4]	SE	4	ESE	3-4	SE	3	SE	3	SE	1-2	SE	1-2	SE	1	S	1
3	Calm,	0	S	0	S	0	SE	0	ENE	0-1	E	2	E	2	ENE	2	E	2-3	ESE	3	E	3	S	1-3
4	SE	6-7	SE	6	ESE	6	ESE	7-8	[ESE	7]	[ESE	7]	[SE	7]	[SE	6]	SE	5-6	SE	6-7	SE	6	SSE	6
5	[SSE	4]	[SSE	5]	[SSE	5]	[SSE	6]	S	6-7	SSE	6-7	S	8	S	9	S	9-10	S	9	S	8-9	S	6
6	[W	6]	W	6	[WNW	6]	WNW	5-7	NW	4-7	NW	5-7	NW	6-9	NW	4-7	NNW	4-6	NW	3-6	WNW	3-5	NW	2-4
7	NNW	5-6	ESE	3-4	N	2-4	NW	3-4	[NW	4]	[NW	3]	[WNW	3]	[WNW	3]	W	3	W	3	W	2-3	W	2-3
8	[WNW	2]	[W	3]	[WSW	3]	[SW	4]	SW	4	SW	4	SW	4	W	3-4	SW	3-4	NW	3-4	NNW	1-2	NW	2
9	SW	5-6	SW	4-5	WSW	5-6	WSW	5-6	WSW	6-7	W	7-8	WSW	8-9	WNW	4-6	NW	3-5	WNW	4-6	NW	4-5	W	5
10	WNW	3-5	W	5-7	W	5-7	W	6	[W	6]	[W	6]	[WNW	5]	[WNW	5]	WNW	4-5	NW	2-5	W	6	NW	4-7
11	[NW	8]	[NW	7]	[NW	6]	[NW	5]	NW	4	N	[4]	N	4	NE	5	ENE	4	NE	3-6	NE	4-6	NNE	4-6
12	NE	5	NNE	4-6	NE	4-5	N	5	NNE	4-6	NE	6	NE	7	NE	3-5	NNE	3-5	NNE	5	NE	3-4	NE	4-5
13	NNW	3	N	4	NNE	3-4	NE	2-4	[NE	3]	[NNE	3]	[N	3]	[N	2]	N	1-4	NW	1-2	N	2	NW	2
14	[NW	4]	[NW	4]	[NNW	4]	[N	4]	N	4	N	3	N	2-4	N	3-5	NE	3-5	N	2-4	NE	4	ENE	2-4
15	N	3-5	NW	4-6	NW	4-6	NW	5-6	NW	4	NNE	3-4	NNE	4-5	NE	5	NNE	5	NNE	4	NNE	3-4	N	2-4
16	N	2-4	W	2-3	NW	2-4	NNW	3	[NNW	3]	[NNW	3]	[NNW	3]	[NNW	3]	N	3-4	NW	2	NW	3	WNW	3
17	[W	3]	[W	3]	[W	3]	[W	3]	W	4	W	3	W	5	W	4-5	WNW	4	W	4-5	W	3	W	3
18	WSW	5	SW	5	W	5-6	WSW	4-5	WSW	3	WSW	3	SW	4	WSW	4-5	WSW	4-5	SW	5	SW	3-4	SW	4
19	SW	6	SW	6-8	SW	5-7	SW	5-6	[WSW	5]	[WSW	4]	[W	3]	[W	3]	WNW	3	NNW	2	NW	2-3	W	2
20	[SW	11]	[SW	11]	[SW	10]	[W	9]	W	9	NW	5	N	6	N	4-6	N	5-6	NW	2-4	NW	3-4	NW	4-5
21	NW	7	NNW	7-8	NE	8	NE	6-8	ENE	2-5	ESE	2-4	NE	3	WNW	3-4	NW	3-4	NW	3-4	W	3-4	W	4
22	NW	7-9	NW	3-7	NW	4-6	NNW	2-4	[NW	3]	[NW	3]	[NW	3]	[NW	3]	W	3	NNW	3	NNW	3-4	NNE	2-3
23	[ENE	2]	[N	2]	[NW	2]	[W	3]	W	3-4	SW	4-5	SW	5	S	6	S	6-7	ESE	7	ESE	9	SE	8-10
24	NNE	5-6	ENE	6	ENE	6	NE	5	NE	4-5	NE	4-6	ENE	4-5	NE	4	NNW	3-4	E	3-4	NE	3-4	NE	3-4
25	W	4	NW	3-5	NW	3-5	NW	3-5	[NW	4]	[WNW	4]	[WNW	4]	[W	4]	W	4	W	3-4	WNW	3-5	WNW	4
26	[WNW	2]	[WNW	2]	[W	3]	[W	2]	W	2-3	SW	3-4	SW	3	SW	3	S	4	S	5-6	S	6	SSE	7-8
27	E	2-5	NE	2-5	NE	2-6	ENE	3-7	ENE	6-7	NE	6-8	E	5-7	NNE	4-7	NNE	4-7	NE	3-6	N	2-6	NW	2-6
28	N	3	NNE	2-3	NNE	3	NNE	2-3	[NNE	3]	[NNE	3]	[NNE	3]	[N	3]	N	3	NNE	2-3	NNE	3	NW	[3]
29	[WNW	2]	[W	2]	[W	3]	[WSW	3]	WSW	3-4	SW	3	SW	4	SSW	3-4	S	5	S	5-6	SSE	6-7	SSE	6-7
30	W	3	SW	3-4	S	4	S	5	SW	5-6	SW	5	S	5-6	SW	6	WNW	4	WNW	4-5	WNW	2-4	NW	3-6
31	WNW	3-4	NW	4-5	NW	3-5	NW	3-5	[NW	4]	[WNW	4]	[WNW	4]	[W	3]	W	3	SW	3-5	WSW	3	WSW	3
Means	4·42*	4·40	4·38*	4·35	4·55*	4·52	4·55*	4·47	4·48*	4·40	4·42*	4·29	4·88*	4·53	4·58*	4·24	4·15*	4·15	4·06*	4·06	4·00*	4·00	3·98*	3·95

Direction and Force of Wind (0 to 12). FEBRUARY 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	[SE	3]	[ESE	2]	[E	1]	[ENE	1]	NE	0-1	NE	1-2	NE	1	NE	3	ENE	1-2	NNE	3	NNE	3-4	NNE	3
2	NNE	7-8	NE	7	N	6	NE	7	NE	4-5	NE	2-4	NE	3-4	NE	3-4	NE	3	NE	2-3	NE	2-3	NE	-3
3	SW	5	SW	4-5	NW	2-3	[NW	2-4]	[NW	3]	[NW	3]	[NNW	3]	[NNW	3]	N	2-4	W	1-2	W	2-4	WNW	3
4	[NW	3]	[NW	4]	[NW	4]	[WNW	5]	W	5	N	3-5	N	3-4	N	5	NE	2-3	NW	[3]	NW	3	WNW	3
5	W	4-6	W	5-6	W	5-6	W	5	WNW	3-4	WNW	3	WNW	3-4	NW	2-3	WNW	3	WNW	2	WNW	2	WNW	2
6	W	3	W	2-3	W	2	NW	2	[WNW	2]	[W	3]	[W	3]	[W	4]	W	4	SW	3	SW	3-4	SW	5
7	[NNW	3]	[N	3]	[N	3]	[NNE	3]	NNE	3-4	NNE	2	NNE	3	N	4	NNE	2-3	NNE	2-3	N	1-2	N	3
8	SW	4-5	SW	5	SW	5	SW	5-6	WSW	5-6	WSW	5-6	SW	5-6	SW	6	SW	6	SW	4	SW	4	SW	4-5
9	S	6-7	S	7	S	8	S	8	[S	8]	[S	7]	[S	7]	[S	6]	S	6	S	7-8	S	7	S	5-7
10	[SW	8]	[SW	8]	[SW	8]	[SW	8]	SW	8	W	8-9	SW	8	SW	7-8	SW	6-8	SW	8-9	SW	8	SW	7-9
11	W	7-8	[WSW]	8	WSW	6	WSW	5	SW	5-6	SW	4-6	SW	6-7	SW	5-7	WSW	6	SW	5-6	WSW	3-5	WSW	4
12	SW	5	S	7	S	8	SSW	9	[SSW	9]	[SSW	8]	[SSW	7]	[SSW	7]	SSW	7	SW	6	SW	6	S	7
13	[SW	7]	[SW	7]	SSW	7	[SSW	7]	[S	7]	S	7	SSE	7	S	7	SSE	8	S	7-8	S	8-9	S	7-8
14	ESE	2-4	ENE	3-5	ESE	6-7	SE	7	SE	6-7	SE	7	SE	7	SSE	5	SSW	4	WNW	3-4	SW	4	WSW	3-4
15	SE	4-5	SE	5	SE	6	ESE	6-7	[ESE	6]	[ESE	7]	[ESE	7]	[ESE	8]	SE	8	SE	9	SE	9	SE	8-9
16	[SE	8-9]	[SE	9]	[SE	9]	[SE]	9	[SE]	9	SE	9-10	SE	9-10	SE	9-10	SE	9-10	SE	9-10	SE	9-10	SE	8-9
17	SE	10-11	SE	10	SE	10	SE	10	SE	10	SE	10	SE	10-11	SE	10	SE	9-10	SE	9-10	SE	10	SE	10
18	SE	10	SE	10	SE	10	SE	9	[SE	9]	[SE	9]	[SE	9]	[SE	9]	SE	8-9	SE	7-9	SE	8-9	SE	8-9
19	[SE	9]	[SE	9]	[SE	9]	SE	9	SSE	9	SE	9	SE	9	SE	9	SE	8-9	SE	8-9	SE	8	SE	8
20	SE	5-6	SE	5	S	6	S	6	SSE	6	SSE	7-8	S	7	S	5	S	4-5	S	6	S	7	SSE	6-7
21	S	9-10	S	10	S	10-11	S	11	[S	10]	[S	9]	[S	8]	[S	7]	SSW	6-7	SW	7	S	5	SSW	4-5
22	[S	5]	[S	5]	[S	5]	[S]	4-6	S	9-10	S	4	S	3-4	S	3-4	S	4	S	3	S	3	SW	3
23	S	5	S	5	S	4-5	S	4-5	S	4	S	3-4	SSE	4-5	SSE	4	SSE	5	S	4	SE	4-5	S	4-5
24	NE	0-1	NE	0-1	NE	0-1	NE	0-1	[NE	0-1]	NE	0-1	Calm,	0	[NE	1]	NE	1	NE	1-2	NE	2-3	NE	3
25	[NE	2]	[NE	2]	[NE	3]	[NE	3]	NE	2-5	NE	4	E	2-3	Var.	[2]	E	2-4	NE	3	NNE	2-3	NE	3
26	NW	2-3	NNW	2-3	NNE	3	NE	2-3	[NE	2]	[ENE	2]	[E	2]	[E	2]	ESE	1-2	NW	0-2	SE	0-1	SE	2
27	[SE	4]	[SE	4]	[SE	4]	[SE	4]	SE	3-4	SE	4	S	3	SSE	4	SE	4-5	SE	4-5	SE	4-5	SE	4
28	SE	6-7	SE	7	SE	6-7	SE	6-7	SE	6-7	SE	7	SE	6-7	SE	6	SE	6-7	SE	6-7	SE	6-7	SE	6
29	SE	5	SE	5	SE	4-5	SE	4	[SE	4]	[SE	4]	[SSE	3]	[SSE	3]	S	3	S	3	SE	3	SE	3
30																								
31																								
Means	5·61*	5·48	5·82*	5·64	5·84*	5·66	6·14*	5·72	5·75*	5·66	5·52*	5·43	5·22*	5·29	5·58*	5·26	5·09*	5·09	5·04*	4·97	4·98*	4·98	5·00*	5·00

Direction and Force of Wind (0 to 12). JANUARY 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	5-4	SE	4-5	SE	4	SE	4	SE	4-5	SE	4	SE	4-5	SE	5	ESE	4-5	SE	4-5	SE	5	SE	4-5	4·6
2	SSW	0-1	NW	0-1	N	0-1	N	0-1	NE	0-1	NE	1	NE	0-1	Calm,	0	[Calm,	0]	N	0-1	[Var.	0-1]	S	0-1	1·7
3	SE	4	ESE	3	SE	4	SE	4	SSE	4	SE	3-4	ESE	4	SE	4-5	SE	4-5	SE	5	SE	5	SE	5	2·8
4	SE	6-7	SE	5-6	SSE	5	SE	4-5	SE	3-4	SSE	3-4	S	4-5	S	3-4	SSE	4	S	4	S	4	SSE	4	5·4
5	SW	4	S	4-5	SSW	3-4	SSE	4-5	S	5-6	SW	7-8	SW	7-8	SW	7	[WSW	6]	W	5-6	[W	6]	W	6	6·3
6	NNW	2-5	SE	3	E	3-4	ENE	3-4	N	5-6	N	4-6	Var.	2-6	N	4-5	NE	2-5	N	2-5	N	2-5	NE	1-6	4·6
7	NW	1	N	2	NNE	4-5	N	3-5	NNW	4	NNW	3-4	N	[4]	NNW	3-4	NNE	2	NNW	1	Var.	1-2	NW	2	3·0
8	N	3	N	3	NW	2	N	[3]	NW	3	W	3	W	3-4	W	4-5	[W	4]	[W	5]	[WSW	4]	WSW	4-5	3·4
9	W	4	NW	4-5	W	4-5	W	5-6	N	2-4	NW	3-5	NW	[4]	WNW	3-5	W	5	WNW	4-5	NW	4	W	4	4·9
10	WNW	5-7	NW	3-6	NW	4-6	NW	5-6	WNW	5	W	5	W	4	W	5	WNW	5-8	WNW	6-7	NNW	5-9	NW	8-10	5·5
11	NNE	7	ESE	0-3	NNE	4-6	N	5	NE	5-6	E	5-6	NW	3-6	NE	4-5	NE	3-5	[NE	4]	[NE	5]	NE	4-6	4·9
12	NE	2-5	E	3-4	NE	4	NE	3-5	E	4	NE	3-5	SE	2-3	NE	3	N	3-4	NNE	1-4	NE	2-4	NW	3	4·1
13	WNW	3	N	3	N	2-4	NW	3	NNW	3	NW	3	NW	2-4	W	3-4	NNW	3	WNW	3-4	NW	3-4	NW	3-4	2·9
14	N	4	NNE	3-6	N	3-4	N	4	N	4-5	N	4	NNW	5	N	5	N	4-5	[N	5]	[NNW	5]	NW	5-6	4·1
15	NNE	3-5	NNE	3	NNW	3	N	3	NNW	3	NNW	0-4	N	3-4	NNW	3	N	1-4	N	1-3	N	1-4	N	1-3	3·6
16	W	4	N	4	W	4-5	W	4	W	4	W	4	W	3-4	W	3	W	2	W	2	W	2-3	W	2-3	3·1
17	W	4	W	3-4	W	4-5	WSW	5	WSW	5	W	4-5	W	4	WSW	5	WSW	5	[WSW	5]	[WSW	5]	SW	4-5	4·1
18	SW	4	S	4-5	SSW	5-6	S	3-4	S	5-6	SSW	5	SW	4	SW	5	SW	5-6	WSW	5	SW	5	WSW	5	4·5
19	SW	2-3	SW	3-4	SW	3	SW	4	S	4	SW	5	SW	6-7	SW	8	SW	7-8	SW	10	SW	8-10	SW	10-12	5·1
20	W	2-4	WSW	5-6	WSW	6-8	W	7	WSW	8	W	3-6	W	4-7	W	7-9	WNW	6	NNW	6	NW	6-7	NW	6-7	6·5
21	W	5	WSW	6-7	SW	7	W	7	W	7-8	W	6-8	WSW	8-9	WSW	8-9	W	9-10	[W	9]	[WSW	9]	WSW	9	6·3
22	NNW	3	WNW	2-3	N	2	NNE	1	N	2	NNW	2	NNE	2-3	NNE	2-3	E	2-4	E	2	NNE	2-3	ENE	0-3	3·0
23	SE	8	S	5	[Var.	4]	N	3	NE	6	NE	6	ENE	5-6	ENE	6	ENE	6-7	[ENE	7]	[ENE	6]	[NE	6]	5·4
24	E	2	E	0-2	NNE	3	W	3-4	WNW	4	W	4	W	4	WNW	5	WNW	4	WNW	4-5	NW	4-5	NW	4-5	4·1
25	W	4-5	NW	2-5	N	2-5	NNE	2	SE	2-3	WNW	1	N	2	NNW	2-3	W	1	WNW	2-3	NW	2	NW	2	3·2
26	ESE	10	[ESE]	10	[ESE]	10	ESE	9	[ESE]	8	[SE]	8	SE	7-8	[SE]	7	Calm,	0	ENE	4	ENE	3-4	NE	0-3	5·1
27	W	4-6	NE	4-6	NW	3-5	NNE	3-6	ENE	3-5	NE	2-6	N	2-6	NNE	3-5	NNE	5-6	N	2-4	E	3-5	N	2-4	4·6
28	NW	2	WSW	3	NW	2	N	1-2	NW	2-3	WNW	2-4	N	1-2	WNW	2-3	W	1-2	NW	2	NW	2	W	2	2·5
29	S	5-6	SSW	5-6	SW	5	WNW	2-5	NNW	3-6	NW	3-5	NW	3-5	W	2-5	W	3	[W	3]	[WNW	2]	NW	2	3·9
30	NW	2-5	NW	5-6	NW	5	NW	4-5	WSW	4-5	NW	3-4	WNW	3-6	W	3-5	WNW	3-6	NW	3-5	NW	3-5	NW	3-5	4·4
31	SW	3	SW	3	SSW	3	SSW	3	S	2	S	4	SE	4	SE	5-6	SE	6	SE	6-7	ESE	4-6	SE	3-4	3·9
Means	4·11*	4·11	3·94*	3·94	4·13*	4·13	4·03*	4·00	4·27*	4·27	4·13*	4·13	4·22*	4·21	4·52*	4·52	4·21*	4·13	3·94*	4·27	4·07*	4·26	4·15*	4·21	4·24

Direction and Force of Wind (0 to 12). FEBRUARY 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	4-5	NE	5-6	N	4-7	N	7-8	N	5-9	N	9-10	NNE	8	NE	7	NE	7	[NE	7]	[NNE	7]	NNE	7	4·4
2	N	3	NW	3	NW	3	WNW	3	SW	3-4	WSW	3	SW	2-3	SW	3-4	WSW	3-4	SW	5	SW	5-6	SW	5-6	4·0
3	NW	2-3	WNW	2-5	NW	2-4	WNW	2-4	NW	3-4	WNW	2-3	N	5-6	N	3-5	WNW	4	NNW	4	NNW	4	NW	2-4	3·3
4	WSW	4	WSW	3-4	WSW	5-6	SW	5	WSW	3-4	W	3-4	W	5-6	W	5-6	SW	6	[WSW	6]	[WSW	5]	W	5-6	4·3
5	NW	4	NW	3-4	W	3-4	WNW	3-4	W	2-4	WNW	2-3	W	2-3	W	2	NNW	4	WNW	2-3	NNW	3	W	3	3·3
6	SW	5-6	SW	4-6	W	4-5	SW	5	SW	5	SW	4-5	SW	5-6	WSW	5-6	SW	6	W	4-6	WNW	[1-3	NNW	2-3	3·9
7	N	1	NW	0-1	W	0-1	W	1	W	0-1	W	2	W	2	WSW	2-3	SW	4	[SW	4]	[SW	5]	SW	5	2·6
8	SW	5	SW	5-6	S	6	SSW	6	S	4	SE	5-6	S	5-6	S	5-6	S	6	S	6-7	S	7	S	7	5·4
9	S	6-7	S	4-6	S	6-7	S	6-7	SW	6-7	SW	6-7	SW	6-7	SW	6-7	SW	7-8	SSW	7-8	SSW	7	SW	8	6·9
10	SW	8-9	SW	9	SSW	9-10	SW	10	WSW	9	WSW	8	W	6	W	7	SW	7	[WSW]	8	[WSW	8]	[WSW]	8	8·1
11	SW	4	SW	3	WSW	3	WSW	3-4	W	3-4	W	4	W	3	W	3	WSW	4-5	SW	4-5	S	5-6	S	4-6	4·8
12	S	7-8	S	7-8	S	7	SW	6-8	W	7	S	7-8	S	7-8	S	7-8	S	8	SW	7-8	SW	6-8	SW	6-7	7·2
13	S	8	S	7-8	SSW	8	SW	5	SSW	4-5	SW	3	S	3	SSW	3	S	3-4	SE	4	SE	3-4	SE	3-4	6·0
14	WSW	3-4	WSW	3-4	SSW	3	SSW	2-3	S	3	S	4	SSE	3	S	3	SE	4	SE	5-6	SE	5	SE	5	4·4
15	SE	8	SE	9	SE	9	SE	9	SE	9	SE	9	SE	9	SE	9	SE	9-10	SE	9	SE	9	SE	9	8·0
16	SE	8-9	SE	8	ESE	8-9	SE	9	SE	9-10	SE	10	SE	10	SE	11	SE	11	SE	10-11	[SE	10]	SE	10	9·4
17	SE	9	SE	9	SE	9	SE	9	SE	9	SE	9-10	SE	10	SE	9-10	SE	10	SE	10	SE	10-11	SE	10-11	9·8
18	SE	8	SE	8	SE	9	SE	9	SE	9-10	SE	8-9	SSE	9-10	SSE	10	SE	10-11	SE	10	SE	10	SE	10-11	9·2
19	SE	7	SSE	7-8	SE	7	SE	7-8	SE	7	SSE	7	SSE	6-7	S	6	SE	5-6	[SE	6]	[SE	6]	SE	6-7	7·7
20	S	7-8	S	7-8	SSW	7	SSW	5-6	SSW	3-4	SSW	4-5	S	5	SSE	5-6	SSE	8-9	SSE	9-10	[S]	10	S	10	6·5
21	SSE	5	S	5-6	S	5-6	SSW	4-5	S	3-4	SSW	4-5	SW	4	S	4	SSW	4-5	S	6	S	5	S	4-5	6·4
22	SW	2-3	SSW	3-4	SW	3	SW	3-4	SW	3	SW	3	SSW	3-4	SW	4-5	SW	4	[SW	4]	[SSW	4]	SSW	4-5	4·0
23	S	3-4	SSE	1-2	S	2-3	S	3	SSE	3	SE	1-2	SE	2	E	0-1	NE	0-1	NNE	0-1	NE	0-1	E	1	3·0
24	NNE	3-4	NNE	3-4	NNE	1-2	NNE	2	NNE	0-2	WSW	1	E	0-1	NE	3-5	NE	4-5	NNE	3-4	NE	2-3	NE	1-2	1·7
25	NE	2-3	NE	3	NE	2-3	NNE	3-4	NE	2-4	NNE	3	S	0-1	SW	0-1	E	1-2	NE	2-4	N	3-4	NE	2-4	2·6
26	E	1	SE	2	E	2-3	SE	3	SE	3	SSE	3-4	SSE	3	SE	3	SE	4	SE	4	SE	3-4	SE	4	2·5
27	SE	4-5	SE	4-5	SE	4-5	SSE	5	SE	5	SE	5	SE	5	SE	5-6	SE	6	[SE	6]	[SE	6]	SE	6-7	4·6
28	SE	6	SE	6-7	SE	5-6	SE	6	SE	5	SE	5	SE	4-5	SE	5-6	SE	4-5	SE	4-5	SE	5	SE	4-5	5·9
29	SSE	2-3	S	3	SE	4-5	SE	3-4	SSE	4	SSE	3-4	SSE	4	SE	4	SSE	4	SSE	3-4	SSE	3-4	SE	4	3·7
30																									
31																									
Means	5·05*	5·05	5·09*	5·09	5·17*	5·17	5·22*	5·22	4·88*	4·88	4·98*	4·98	4·93*	4·93	5·10*	5·10	5·64*	5·64	5·83*	5·76	5·36*	5·64	5·37*	5·67	5·30

Direction and Force of Wind (0 to 12). MARCH 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	[SSE	4]	[SSE	4]	[S	4]	[S	4]	S	4	S	3–4	S	3	S	4	S	3–4	S	2–3	S	4	S	3–4
2	S	4	S	4–5	SSE	4–5	SSE	4	SSE	3	SSE	3–4	SSE	3	SE	3	SSE	4	SSE	3–4	S	3–4	S	4
3	SE	7	SE	7–8	SE	7–8	SE	7–8	[SE	7–8]	[SE	7–8]	[SSE	7–8]	[SSE	7–8]	SSE	7–8	SE	7–8	SE	8	SSE	8
4	[NW	1]	[WNW	1]	[W	1]	[WSW	2]	SW	2	SW	3	SW	2	S	2	S	2	SE	1	S	1	Calm,	0
5	NE	4–5	NE	4–5	ENE	3–5	NE	5	NE	2–4	NE	3	NE	3	NNE	2–4	N	2–3	NE	2–3	N	2	NE	1–2
6	W	2–3	W	3–4	WSW	3	WSW	3–4	[WSW	3]	[WSW	4]	[SW	4]	[SW	4]	SW	5	SW	4	SW	3–4	SW	4
7	[S	6]	[S	6]	[S	5]	[S	5]	S	5	S	5	S	5–6	S	5	S	5–6	SW	3	WNW	2–3	W	2
8	Calm,	0	NW	0–1	N	0–1	N	0	Calm,	0	Calm,	0	SSW	0–1	S	0–1	SSW	1	S	1–2	SSW	1–2	W	2–3
9	S	6–7	S	6–7	SSE	6–7	S	6	[S	6]	[S	5]	[S	5]	[S	4]	S	3–4	S	4–5	S	4–5	S	4–5
10	[SE	9]	[S	7]	[S	4]	[Var.	1]	SW	2	SW	1	SW	2	S	1–2	S	3	S	3–4	SSW	2–3	SSW	2–4
11	SSW	4	SSW	3–4	SSW	3	S	2–3	S	3	S	3	S	2	S	2–3	S	3	S	3	SSW	3–4	S	3
12	S	6–7	S	5–6	S	5	S	5–6	[S	5]	[S	5]	[S	6]	[S	6]	S	6–7	S	6–7	S	6	S	4–5
13	[SSW	5]	[SSW	5]	[SSW	5]	[SSW	5]	SSW	5	SSW	4	S	5	SSW	4	SSW	5	SSW	5	S	5	S	4–5
14	WSW	6–8	SW	6–7	SW	7	SW	6	SW	5–7	S	6–7	SSW	6	SSW	6–7	SW	6–7	SW	6	SW	6	SSW	5–6
15	WSW	4–6	SW	5	WSW	5	WSW	5	[WSW	4]	[SW	3]	[SW	3]	[SW	4]	SW	4	SW	3–4	SSW	3–4	SSW	4–5
16	[SSW	4]	[SSW	4]	[SSW	4]	[SSW	4]	S	4	S	4–5	S	5	S	5	S	5	S	4–5	SSE	5–6	S	5
17	S	5–6	S	5	S	5	S	4–5	S	5–6	S	5–6	S	5	S	5	S	5–6	S	4–5	S	5	S	4
18	SW	3	SW	5	SW	5–6	SW	4–5	[SW	5]	[SW	5]	[SW	5]	[SW	5]	SW	5–6	S	5–6	SW	4–5	SW	4–5
19	[NW	4]	[NW	4]	[WNW	3]	[WNW	4]	WNW	3–4	W	[4]	W	3–5	NW	3–4	NW	1–3	NW	1–3	WNW	1–2	W	2
20	SW	7–9	SW	8–9	SW	8	W	5–6	NW	4–6	NW	3–5	NE	3	ESE	3–4	E	4	E	3–5	ENE	4–5	E	4–5
21	ENE	4–6	NE	4	NE	4–5	NE	3–5	[NE	4]	[NE	4]	[NE	3]	[NNE	3]	NNE	2–4	NNE	4	NE	3–4	NE	3–4
22	[N	2]	[N	2]	[NW	2]	[W	2]	WSW	2	W	2	WSW	2–3	SW	3	SW	3	SW	3	SW	3	SW	3
23	ENE	1–3	ENE	2–3	E	2–4	NE	2–4	ENE	1–3	NE	3	NNE	3	NE	1–3	NE	3	NNE	3	NE	3	NNE	1–3
24	SW	1–2	SW	2	SW	3	SW	3	[SW	3]	[SW	3]	[SSW	3]	[S	3]	S	4	S	3	S	[3]	S	3
25	[SSW	4]	[SSW	4]	[SSW	3]	[SSW	3]	SSW	3	SSW	2–3	SW	3	S	4	SSW	3–4	S	3–4	SSE	3	S	3
26	SSE	3	SE	2–3	SSE	3	SE	3–4	SSE	2	NE	2	E	1–2	ENE	2	NE	2	NE	2	NE	2–3	ENE	3
27	NE	1	ENE	2	ESE	2	ESE	2	[ESE	2]	[SE	3]	[SE	3]	[SE	3]	SSE	3	SE	3	SE	3	SE	3
28	[SE	4]	[SE	4]	[SE	3]	[SE	3]	SSE	3	SE	3	SE	4	SSE	3	SSE	3	SE	2–3	SSE	3–4	SE	3
29	SE	0–1	SE	1	S	0–1	SW	1	W	0–1	NW	0–1	W	0–1	Calm,	0	Calm,	0	SSW	0–1	SSW	0–1	S	0–1
30	SW	3–4	SW	4	SW	4	SW	4	[SW	4]	[SSW	4]	[SSW	4]	[S	4]	S	4	S	3	SSE	3–4	SE	4
31	[SE	7]	[SE	7]	[SE	7]	[SE	7]	SE	7	SE	7	SE	7	SSE	6–7	SE	7–8	SSE	7	SE	7	SE	6
Means	4·00*	4·19	4·20*	4·26	4·22*	4·05	4·00*	3·87	3·36*	3·68	3·32*	3·68	3·36*	3·68	3·31*	3·65	3·89*	3·89	3·63*	3·63	3·68*	3·66	3·52*	3·52

Direction and Force of Wind (0 to 12). APRIL 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	S	4	S	4	SSE	4	SSE	6–7	SE	7	SE	8	SE	8–9	SE	7–8	SSE	5–6	S	4–5	SSW	5	S	4–5
2	SSE	5	S	5–6	SSE	4–5	S	5	[SSE	5]	[SSE	5]	[SSE	4]	[SE	4]	SE	4	SSE	3–4	SE	5	SE	4–5
3	[SSE	3]	[S	3]	[S	4]	[S	3]	S	3–4	SE	4	SSE	3	SSE	4	SSE	4	SSE	4	SE	4	S	4
4	S	4–5	S	4–5	SSE	5	SSE	5	SE	5	SE	5–6	SE	5	SSE	5–6	SE	6	ESE	6	SE	5–6	S	5
5	SE	4	SE	4–5	ESE	6	ESE	6–7	[ESE	7]	[ESE	7]	[SE	7]	[SE	7]	SE	7–8	SE	7–8	SSE	5	S	5–6
6	[S	6]	[S	6]	[S	5]	S	5–6	S	3–4	S	4–5	SSE	4–5	S	4–5	S	4	S	3–4	S	2–5	SW	3–4
7	S	3–4	S	3–4	S	4	S	4	SE	4	SE	4	SE	3–4	ESE	3–4	SE	5	SE	4	S	4	SSE	3
8	SW	3	WSW	3–4	W	3	WSW	3	[WSW	3]	[WSW	3]	[WSW	2]	[WSW	2]	W	1–2	SW	1	SW	2–3	SW	2
9	S	4	S	3–4	S	4	S	3–4	SSE	3	S	3	SSE	2–3	S	1	SSE	1	SSE	2	S	3	SSE	3
10	S	2–3	SSW	3	SW	2	SW	1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SE	0–1	SE	1–2
11	N	1	[NNW	1]	[NW	2]	NW	2–3	N	1–3	NNW	3	NNW	4	NW	1–3	N	0–2	NNE	1	NE	0–1	N	0–1
12	N	2–3	NNE	2–4	NE	1–4	N	1–5	NNW	1–2	NNE	3–4	NNE	2–3	NE	3–4	NE	4	NNE	2–4	NE	4	Calm,	0
13	E	1–4	NE	3–4	E	2–4	NE	1–3	NNE	4	NNE	2	[NNE	2]	[NNE	2]	N	1–3	NNE	2–3	NNE	2–3	NW	0–3
14	N	4	N	3–5	[N	4]	[N	3]	NNE	3	Var.	0–3	NNW	2–4	N	1–3	N	3	NE	0–1	N	2–3	N	0–2
15	Var.	0–3	Var.	0–2	N	2–4	S	2	NE	3–4	NE	3–4	NE	4	NE	4	NE	4	SSW	3–4	NE	2–4	NE	3
16	Calm,	0	ENE	2	NE	2	Calm,	0	[NE	1]	[NE	2]	[NE	2]	[NE	2]	N	1–3	E	2	ENE	3	E	1–2
17	[NE	2]	[NE	2]	[NE	2]	[NE	2]	E	2	ENE	1	NE	2	ESE	2	Calm,	0	NE	2	NE	1	NNE	1–2
18	NW	2	NW	2–3	Var.	0–2	NE	2	NE	1	NNE	2	NE	2	N	1–2	N	2	N	2–3	N	1	N	1
19	NE	2–3	NE	1–3	ENE	3	ENE	1–3	[ENE	2]	[ENE	3]	[NE	3]	[NE	3]	NE	3	N	0	Calm,	0	E	0
20	[S	1]	[SW	1]	[W	1]	[W	1]	W	1	W	2	NW	2–3	NW	1–2	W	1–2	NW	1	W	0–2	WSW	1–2
21	[NNE	1]	NE	1	N	1	E	0	N	0	NNW	1	N	0	Calm,	0	Calm,	0	Calm,	0	SE	2	SE	2
22	SE	3	SE	3	SE	2	SSE	2–3	[SSE	2]	[SSE	3]	[S	3]	[S	3]	S	3	S	3	S	3	SE	3
23	[SE	3]	[SSE	3]	[S	3]	[S	3]	SW	3	S	3	S	3	S	2	S	3	SE	3	SE	3–4	SE	3
24	N	0	SE	1	S	0–1	SSE	1	Calm,	0	SW	1	SW	3	NW	1	Calm,	0	WNW	0	SSE	1–2	SE	1
25	SE	2–3	SE	2	SE	0–1	NNW	0–1	NNW	1	NW	1	NW	1	NW	1	SW	2	S	1	Calm,	0	SW	1
26	[S	3]	[S	4]	[SSW	4]	[SSW	3]	SW	3–4	SSW	4	SW	4	SW	3	SW	3	SSE	3	S	2	S	2
27	NNE	1	NE	2	Var.	1–3	Var.	1–2	NE	0–2	NE	2–3	WSW	0–1	NNW	0–2	NE	2	NE	0–1	NE	1–2	NW	0
28	NE	1	NNE	3	N	0–2	NNE	4	[NE	3]	[ENE	3]	[E	2]	[ESE	2]	SE	2	ESE	3	SE	2–3	SE	3
29	[Calm,	0]	Calm,	0	Calm,	0	N	0–1	NW	0	SE	1	SE	3	SE	3	SSE	4	SE	3–4	SSW	3	SSE	3–4
30	SW	4	SW	4	WSW	5	WSW	4	SW	4–5	W	4	WNW	4	NW	0–3	NW	2	W	3	NW	0–3	W	3
31																								
Means	2·64*	2·57	2·87*	2·87	2·68*	2·80	2·81*	2·75	2·48*	2·67	2·83*	3·03	2·98*	3·02	2·50*	2·67	·73*	2·7	2·47*	2·47	2·57*	2·57	2·32*	2·32

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSW	4	SSW	4–5	SSW	4–5	SW	4–5	SSW	4–5	SSW	4	SSW	4	S	4	SSW	3	[SSW	3]	[SSW	4]	S	4	3·9
2	S	4–5	S	3–4	S	5	SSE	3–4	SSE	3–4	SSE	4	SSE	5–6	SE	6	SE	6–7	SE	6	SSE	6–7	SSE	6	4·4
3	SE	7–8	SSE	7	SE	6–7	S	6	S	5–6	S	3	WSW	3	NNW	0–1	NNW	0–1	NW	0–1	NW	1	NW	1	5·5
4	Var.	0–1	Calm,	0	NW	0–1	NE	1	ENE	1–2	NE	2	NE	2	NE	2	NE	3–4	E	3–4	[NE	3–4]	NE	3–4	1·7
5	E	3–4	SE	1–2	NE	0–2	N	1–2	N	0–1	NNW	1–2	NW	2	WSW	2	WSW	4	SW	4–5	SW	4	W	3–4	2·8
6	SW	5	SW	4	SW	4	SW	4	S	5–6	S	5–6	S	5	S	5–6	S	4–5	S	5–6	S	6	S	5–6	4·3
7	W	2–3	WSW	2	SW	2	SSW	1–3	W	0–1	NW	1	Calm,	0	N	0	W	0	[W	0]	[W	0]	W	0	2·7
8	SW	2	SW	3	SSW	2	S	2–3	S	3	S	4	S	4–5	S	4–5	S	6	S	6–7	S	6–7	S	6	2·5
9	S	4	S	4	S	3	S	5–6	S	5	S	5–6	S	7	SSE	8	SE	8–9	SE	8–9	SE	9–10	SE	9–10	5·9
10	SW	2	S	2	SW	2	SW	2	SSW	3	S	3–4	S	4	S	5–6	S	6	S	5	S	3	SSW	4	3·4
11	S	4	SSE	4	SSE	5	SE	5	S	6	SSE	5–6	S	6	S	6–7	S	7–8	S	7–8	S	6	S	6	4·4
12	S	5	S	5–6	S	5	S	6	S	6	S	5–6	S	5	S	5–6	S	5–6	S	4–5	SSW	5	SSW	4–5	5·4
13	S	4–5	S	4–5	S	5–6	S	6	SSW	6–7	SSW	6	S	6–7	SW	6–7	SSW	7	SSW	5–6	SW	5–7	SW	6–7	5·4
14	SW	6–7	SW	6–7	SW	6–7	SW	6	SW	6–7	SW	5–6	SW	6	SW	6	SSW	6	SSW	6	SSW	6	SW	6	6·2
15	SW	4–5	SW	5	SW	6–7	SW	5–6	SW	5	SSW	5–6	SSW	5–6	SSW	4–5	SSW	3–4	SW	5	SSW	4	SSW	4–5	4·5
16	S	5	SSW	4–5	SSW	4	S	4	S	4–5	S	3–4	S	3–4	S	4–5	S	4	[S	5]	S	5	S	5	4·5
17	S	3–4	S	4	S	4–5	SW	5	SW	4	SW	3–4	SW	3	SW	3–4	SW	3–4	SSW	3–4	SSW	4	SW	4	4·4
18	WSW	4–6	WSW	5	WNW	2–4	W	5	W	4–5	WNW	3–4	W	4	NW	3–4	NW	3–4	NW	3–5	NNW	2–5	NW	2–5	4·4
19	W	3	WSW	2	SW	3	S	3–4	SE	4	S	4	S	5–6	S	6	S	6–7	SW	6–7	SW	6	SW	7	4·0
20	E	3	E	2–4	E	2–4	E	3	ENE	3	SE	2–3	NE	[5]	NE	2–5	NE	3–5	NE	2–5	ENE	3–5	ENE	4–6	4·3
21	NNE	2–4	NNE	1–3	NE	2–4	NE	3–4	NE	3–4	NE	1–3	N	2–4	N	2	N	2	N	2	NE	3	NNE	1–2	3·2
22	SW	3–4	SW	3–4	NNE	2–3	NE	2–3	ENE	3	NE	2–4	NNE	2–3	NNE	3	N	1–3	[NNE	2]	[NE	2]	NE	1–3	2·5
23	N	2–3	N	2–3	N	2	N	[2]	N	3	N	1	NNW	0–1	NW	1	N	0–1	W	1–2	W	2	WSW	2–3	2·2
24	S	4	S	3	S	3	SSW	3–4	S	3–4	SSW	4	S	3–4	S	4	S	4	S	4	S	4	SSW	4	3·3
25	S	3	S	2	S	1–2	S	2–3	SSE	2	SE	3	S	3	S	3	S	4	[S	4]	S	4	S	3	3·1
26	NE	2	NE	0–1	NE	2	NNE	2	NE	2	NE	1–2	NE	2	NE	3	NE	3–4	ENE	1–3	NE	1–2	NE	1–2	2·2
27	SE	2–3	SE	3	SE	3	SSE	1–2	SE	3	SE	2–3	SSE	2	SE	3	SE	3	SSE	3–4	SE	3	SE	4	2·7
28	SE	3	SE	2–3	SE	2	SSE	0–1	E	0	ENE	1	N	0–1	SE	0–1	SE	0–1	[SE	0–1]	[SE	0–1]	SE	0–1	2·1
29	S	1	SSW	0–1	W	0–1	W	1	SW	3	SW	2	SSW	2	S	2	SSW	3	S	2–3	S	3–4	SSW	3–4	1·3
30	SE	4	SE	4	SE	4	S	4–5	S	4	S	4–5	S	5–6	SE	6–7	SE	6–7	SE	7	SE	6–7	SE	7	4·6
31	SE	6–7	SE	7	SE	5	SSW	4–5	SW	4	SSW	3–4	SSW	4	SSW	3–4	S	2–3	S	2	S	2	S	3–4	5·5
MEANS	3·69*	3·69	3·39*	3·39	3·39*	3·39	3·58*	3·53	3·66*	3·66	3·45*	3·45	3·68*	3·66	3·85*	3·85	4·03*	4·03	4·42*	4·03	4·44*	4·05	4·13*	4·13	3·78

DIRECTION AND FORCE OF WIND (0 to 12). APRIL 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	S	4	S	4	S	5	S	5	SSE	6	SSE	5–6	SE	6	S	4–5	S	5	S	5	S	3–4	S	4–5	5·3
2	SE	4–5	SE	5	SE	5	S	4–5	S	5	SSW	4–5	S	4	S	4	S	3–4	S	3	S	3	SSE	3	4·3
3	S	3–4	SSE	3–4	SSE	4	SE	3–4	SE	4	SE	3–5	SE	4–5	S	4–5	SE	5–6	[SSE	5]	[S	4]	S	4–5	3·9
4	S	5	SSW	3	SSW	2–3	SSE	3	SSE	3	SSE	4	SSE	3–4	SSE	5	SSE	5	SE	5	SSE	5	SE	5	4·6
5	SE	6–7	SE	5	S	6	S	5	S	5	SSE	5	S	5	S	5	S	5–6	S	5	S	5–6	S	6	5·8
6	SW	5	SW	4–5	SW	3–4	SSW	3	SW	4	SW	3–4	SW	4	SW	5	SW	3–4	[SSW	4]	[S	3]	S	3	4·2
7	SE	3–4	SE	3–4	SSE	2–3	S	3	S	4	S	2–3	SW	2–3	SW	3	SW	3–4	SW	3	SW	3	SW	3	3·5
8	SW	2	SW	1	S	2	S	1–2	SSW	2	S	2	SSE	3	SE	3	SSE	3–4	S	3–4	S	4	S	4	2·5
9	S	2	SSE	2	S	3	SSE	3	S	1	SSE	3	S	3–4	S	3	S	3–4	[S	3]	[S	2]	S	2	2·7
10	S	2	S	1	Calm,	0	NW	1–2	N	1	Calm,	0	N	1	N	0–1	NE	2	NNW	1	NNW	1	N	2	1·0
11	Calm,	0	NE	0	SE	1	NE	0–1	SSE	1	SE	1	NW	0–1	N	0	N	2	NE	2	NNE	2	N	1	1·3
12	NW	2–3	NW	2–5	NE	1–6	NW	2–5	NE	4	N	3–5	NE	5	NE	1	NW	2–4	E	2–5	Var.	0–3	SE	1–3	2·9
13	Calm,	0	NE	0–2	N	3	NE	1–2	E	1–3	SW	2	NW	1	SSE	2	N	2–4	NNW	4	N	2–4	N	1–3	2·2
14	N	1–2	ENE	1–2	N	1–2	N	2–3	N	2–3	N	3–4	N	3–4	NE	2–4	N	4	N	3–5	E	2–6	N	2–7	2·8
15	NE	3	W	3	W	1–3	NE	3	SE	2	N	3	SSE	2	ESE	1–3	WSW	4	NE	5–6	NE	4–5	NW	3	3·0
16	ENE	1	ENE	2	N	2	NNE	3	N	3	NE	2–3	N	3	NNE	1–3	NE	4	NE	2	NE	3	NNE	1–3	2·0
17	NE	1–2	N	0–1	NE	0–1	Calm,	0	Calm,	0	E	0–3	NE	2	Calm,	0	NW	0	NW	1	NW	2	NW	1	1·2
18	E	1	E	2	N	0–1	NE	2	E	2	NE	3	NE	0–1	NE	1–2	NE	2	E	3–4	NE	4	ENE	3–4	1·9
19	Calm,	0	N	0–1	N	0–1	Calm,	0	Calm,	0	E	1	Calm,	0	NE	0–1	NE	0–1	ESE	0–1	SE	1	SE	0–1	1·2
20	NE	0–1	NE	0	Calm,	0	Calm,	0	NE	1	NE	0	S	1–2	S	0–1	NW	0–1	[N	1]	[N	1]	[N	1]	1·0
21	SSE	2	SE	3	SSE	1–2	S	3	S	2	SE	2	SE	3	SE	3	SE	4	SE	4	S	4	S	4	1·8
22	S	2	SE	3	Calm,	0	SSE	2	S	2	S	2	S	3	SSE	3	SE	2	SE	2	SSE	3	SE	3	2·5
23	SE	2	SE	3	SSE	3	SE	3	SE	2–3	SE	3	SE	3	SE	2–3	Calm,	0	Calm,	0	Calm,	0	Calm,	0	2·4
24	N	0–1	ENE	0–1	E	0–1	SE	3	SE	2–3	SE	3	SE	3	SE	2–3	SE	3	E	2–3	SE	3	SE	3–4	1·6
25	Calm,	0	S	0–1	S	1–2	SSE	2	SW	3	SE	3	SSE	2	S	3	SSE	2–3	SSE	2	SSE	3	S	3	1·6
26	S	2–3	S	3	S	3	Calm,	0	SE	2	NE	2	Calm,	0	E	0	Calm,	0	[Calm,	0]	[Calm,	0]	[NE	1]	2·2
27	WNW	0–1	Calm,	0	E	3	N	0–1	W	1–2	Calm,	0	E	2	NE	1–2	Calm,	0	E	1	E	1–2	ENE	2	1·2
28	SE	2	SE	3	SE	3	ESE	2	SE	4	SE	3	SE	3	SSE	3	SSE	3–4	SSE	3–4	SE	3	WNW	0–1	2·6
29	W	4	SSW	3–4	S	4	SSW	4	S	4	S	5	S	5	S	5	S	5–6	SSW	6	SSW	0–6	SSW	6–7	3·2
30	NW	1–3	W	1–3	NW	2–4	WSW	0–3	SW	3–4	W	0–2	W	3	WNW	1–2	WNW	2	W	1–3	WSW	5	WSW	5–6	3·0
31																									
MEANS	2·22*	2·22	2·27*	2·27	2·35*	2·35	2·33*	2·33	2·65*	2·65	2·65*	2·65	2·77*	2·77	2·50*	2·50	2·87*	2·87	2·98*	2·92	3·02*	2·85	3·02*	2·88	2·65

Direction and Force of Wind (0 to 12). MAY 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	W	4-5	WSW	4-5	SW	4-6	WSW	5	SW	4-5	SW	6-7	WSW	6-7	WSW	7-8	SW	8-9	W	4-5	W	5	WSW	5
2	NNW	5-7	NNW	6-8	NW	6-7	NW	4-5	Var.	0-5	NW	3	WNW	3-4	N	1-4	NW	2-5	WNW	2-4	NW	3-5	W	2-5
3	WNW	3-4	W	5-6	WSW	5-6	W	2-5	WNW	1-4	WNW	3-5	NW	2-3	N	2	NNW	2	NNW	1-3	W	3	WSW	4
4	W	3	W	1-2	WSW	3	WSW	2	NW	1-3	NE	0-2	E	0-1	W	0-1	NE	2	NW	0-2	NNE	2-3	NE	2
5	[NE	3]	NE	[3]	NE	[3]	NE	[3]	NE	3	ENE	4	NE	4	NE	4	NE	4	NE	2-4	NE	3-4	ENE	3
6	NE	3	NE	4	NE	3-4	NE	2-4	[NE	3]	[NE	3]	[NE	3]	[NE	3]	NNE	2-3	NE	2-3	NE	1-3	NE	2
7	Calm,	0	S	1	S	1-2	S	2-3	SSE	2	SE	3-4	SE	2-3	SE	3	SE	4	SE	4	SE	4-5	SE	5
8	WSW	3-4	W	3-4	WSW	4	W	3	WSW	3	SW	3	SW	3-4	WSW	3-4	W	3	W	3-4	W	3-4	WSW	3-4
9	SW	3	SW	3-4	SW	3	SW	3-4	SW	3-4	SW	3-4	SW	3	SW	3	W	3	W	3	WSW	3	W	3-4
10	W	4-5	WNW	5	SW	4-5	W	4-5	W	3-4	WNW	4	W	3	W	3	W	3	W	2-3	WSW	3	WSW	2-3
11	SW	3-4	SW	3	SW	3-4	SW	3-4	S	3	S	3-4	SSE	4	S	4	SSE	4	SSE	4	SSE	4-5	S	4-5
12	WNW	3-4	W	2-4	W	4	NW	2-4	WSW	2-3	W	1-3	WSW	2-3	WSW	3	SW	3	SW	3-4	SW	3	SSW	2-3
13	SW	2-3	SW	3-4	SW	3-4	SW	2-3	SW	3	SSW	2	SSW	3	S	3-4	S	3	S	3-4	S	4	SE	5
14	S	6-7	S	6	S	1-2	SSW	3	SSE	3	S	2-3	S	2	WSW	2	NW	1	NNE	2	NNW	0-1	WNW	0-2
15	SW	4	SSW	3-4	SSW	4-5	SSW	4	SW	3-4	SW	4	SW	4	SW	4	W	2-3	NW	1-3	W	2-4	NW	0-2
16	WNW	3	W	3-4	NW	1-3	NNW	1-3	WNW	2	NNW	2	N	1-2	NNE	0-1	W	0-1	W	1	WSW	2-3	SW	3
17	W	3-4	W	4	NW	3-4	SW	3-4	SW	3	SSW	3	SW	3	SW	3	SW	3-4	SW	3-4	SSW	4	SW	3
18	WNW	3-4	W	4	W	2-4	WNW	3	WNW	2-4	WNW	3	SW	2-4	WNW	2-5	NW	3-4	NW	2-4	WNW	3	W	2-3
19	WNW	1-2	NW	2	NW	3	NNW	2-3	W	0-1	WSW	1	SW	2	SW	2	WSW	2	SSW	1	SW	1	WSW	1
20	W	1	W	1	W	1-2	NW	1-2	Calm,	0	N	0-1	NNW	0-1	Calm,	0	Calm,	0	N	0-1	NW	0-1	NW	1
21	W	3	SW	3	SW	3	SW	2	SW	3-4	SSW	4	SSW	4	SSW	4	SSW	4-5	SSW	4	SW	3-4	SSW	4
22	SSW	4-5	WSW	4-5	W	4	SW	4-5	SW	4	SSW	3	SSW	3	SSW	3-4	SW	3-4	SW	3	SW	4	SW	3
23	SW	3	SW	3-4	SW	3	SW	2-3	SW	2	SW	1-2	SSW	1	SW	1	SW	1-2	SW	1	SW	1	SW	2
24	SSE	2-3	SSE	3	SE	3	SSE	2-3	S	2	SSE	2	SSE	2	SSE	1	SSE	1	SSE	1	SE	2-3	SE	3
25	SSE	2-3	SSE	3	S	2-3	S	2-3	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	2-3	SE	2-3	SE	3
26	S	1	SSW	0-1	Calm,	0	W	0-1	NNE	0-1	Calm,	0	N	0	ENE	1	NNE	0-1	ESE	1	SE	2	SE	3
27	SE	1-2	SE	1	Calm,	0	W	0-1	NW	0-1	NNE	2	NNW	1	NNE	1	NNE	1	NE	0-1	E	1	SE	1
28	E	0-1	NE	0-2	E	1-2	NE	2	NE	1-2	N	0-2	N	1-2	NE	1	NE	1	N	0-1	Calm,	0	S	0
29	N	1-2	NW	1-2	NE	2	NE	2	NE	2	NE	2	NE	2	NE	2	NNE	1	NNE	1	NE	0-1	SE	0-1
30	SW	0-1	SW	0-1	W	0-1	NE	0-1	NNE	0-1	NE	1	NE	2	NE	1	NNE	2	NNE	0-1	SE	0-1	E	0
31	N	1	N	1	N	0-1	NE	1	NNE	1	NNE	1-2	NNE	2	N	0	NE	1	Calm,	0	W	0	Calm,	0
Means		2·84		3·05		2·89		2·69		2·35		2·58		2·55		2·45		2·53		2·19		2·50		2·52

Direction and Force of Wind (0 to 12). JUNE 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.
1	W	3	SW	3	WNW	2	SW	3-4	SSW	3	SW	3	SW	3	SSW	3-4	SW	3	S	4	SW	3-4	SW	4
2	S	2-3	S	3-4	S	3	ESE	4	SSE	4	SSE	4-5	SE	4-5	SE	4-5	SE	5	SE	5	SE	5-6	SE	5
3	SSE	2	SSE	2	SSE	2	S	1	SE	2-3	SE	2	Calm,	0	NW	0	Calm,	0	NE	0-1	ENE	0-1	ESE	1-2
4	W	0-1	N	0-1	NNW	1	NE	0-1	NE	0-1	NE	1	N	1	N	0-1	N	1	Calm,	0	N	1	NNW	1
5	N	1	N	1-2	N	2	N	1	NNW	1	N	1-2	N	0-1	N	0-1	NW	1	NNW	1	NNW	0-1	NNW	0-1
6	SE	1	SE	2	SE	1	E	1	NE	1	SE	0-1	NE	0-1	SE	1-2	SE	1	ENE	0-1	Calm,	0	Calm,	0
7	NE	0-1	N	0-1	N	0-1	Calm,	0	NW	1	E	0-1	Calm,	0	N	0-1	N	1	Calm,	0	Calm,	0	N	0
8	NE	3	NE	3	NE	3	ENE	3	NE	2-3	NE	2-3	NNE	2	NW	1-2	NNE	2	NNE	2-3	NE	1-2	NE	1-2
9	N	3-4	N	3	N	3	NE	2-3	NE	2-3	NNE	2-3	NNE	1	NE	1	E	1	N	0-1	Calm,	0	N	0
10	SSW	1	SSW	1-2	SSW	1	S	2	S	2	S	2-3	S	2	S	2	S	2	Calm,	0	W	0-1	SW	1
11	SW	3-4	SW	3-4	SW	3-4	SW	4	SW	4	SW	4	SW	4	WSW	4-5	WSW	4	SW	4	W	2-4	NW	3
12	W	3-4	N	3	W	3-4	N	1-2	SW	1-2	WNW	1-2	W	0-1	W	1-2	W	2-3	SW	3	WSW	2	SW	3
13	SW	4-5	W	3-5	WSW	4-5	W	5	WSW	4-5	SW	5-6	SW	5	SW	5	WNW	4	WNW	3-4	WNW	2	WNW	2
14	NE	1-3	NE	1-2	NE	2	NE	1-2	NE	2-4	NE	1-3	NW	2	N	1-2	NNW	1	N	1-2	NE	2	Calm,	0
15	NE	2	NE	2-3	E	0-3	E	2-4	N	3	NNE	2-3	NNE	2-3	NE	3	NE	2	NE	3	NE	2-3	N	1-2
16	ENE	4-5	Var.	1-5	ENE	4-5	NE	4-5	NE	2-3	NE	3	NE	2-3	NE	2-3	NE	3	NE	3	NE	2-3	NE	2-3
17	NE	1-3	NE	3-4	NE	3-4	NE	3-4	N	1-2	N	2	N	1-2	NNE	2	N	2	NNE	2	N	0	N	0
18	NW	2	NNW	2	NW	2	W	3	W	2	W	1-2	NW	0-1	N	0-1	SE	1	N	0-1	Calm,	0	Calm,	0
19	S	3	SSE	2	S	1	SW	2	SW	1	W	2	W	1	W	0-1	SW	2	SW	1	SW	1	S	0-1
20	SSE	1	SE	1	SE	1	SE	1-2	SSE	2	SE	2	SE	2	SE	1	SE	1	SE	2	SE	2	SE	1-2
21	S	0-1	S	0	SSE	1	SE	0-1	SSE	1	S	2	S	1	S	0-1	Calm,	0	S	1	S	1	S	1
22	NW	1	WNW	2	WSW	2	WSW	2	WNW	1	WNW	2	WNW	2	NW	2	WNW	2	WNW	2	W	3	W	2-3
23	NE	2-3	N	2	N	3	N	2	N	2	ENE	3	N	1-2	N	2	N	1	N	0-1	N	1	S	1
24	NW	4	SW	3-4	SW	4	WSW	4	W	3-4	W	3-4	WSW	3-4	SW	3-4	SW	3-4	SW	4	SW	4	SW	4
25	NE	2-4	N	2-3	N	2-4	N	4-5	NE	2-4	NW	2-4	N	2-4	NE	3-4	ENE	3-4	NNW	2-4	NE	2-3	W	1-3
26	W	1-3	NW	2-4	NW	3	SW	3	NNW	3	NW	2-3	NW	3	N	2-3	NNW	2	NW	2-3	NW	2	NW	2
27	W	2	WSW	2-3	W	2	W	1-2	SW	3	WSW	2	SW	2-3	SW	3	SW	2	SW	2	SW	2-3	SSW	3
28	WSW	3-4	WSW	3	W	3-4	W	3	NW	2	NW	2-3	NW	2	WNW	2	SW	2	S	2	S	1-2	S	2
29	SE	4	SE	4-5	SE	5	SE	4-5	SSE	4-5	SSE	5	SSE	5	SSE	4-5	SSE	4-5	SSE	5	SE	5	SSE	5
30	SSW	3	S	3-4	S	3	S	3	S	2-3	S	3	S	1	S	2	S	2	SW	2	S	2	S	0-1
31																								
Means		2·38		2·43		2·50		2·53		2·35		2·50		2·02		2·10		2·07		2·05		1·82		1·72

Direction and Force of Wind (0 to 12). MAY 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	3	WNW	4	N	2-4	WNW	2-4	NW	4	WNW	2-4	WSW	5-7	NW	4	NW	4	NW	0-4	NNW	1-4	NNW	4-7	4·6
2	NNW	2-3	NW	1-4	W	4-5	WNW	2-3	NW	1-4	WSW	3-4	SSE	2-3	WNW	1-4	NNW	1-4	[NW	3]	[NW	3]	[NW	4]	3·6
3	SW	3	SW	3-4	W	3-4	NW	1-3	Calm,	0	NW	3	W	1	WSW	3	SW	3	W	3	W	3-4	W	4	3·0
4	NNE	2	NW	3	E	3	NE	2-6	NE	3	SW	0-1	NE	3	N	2	NNE	2-3	NE	3	NE	2-3	N	2	2·1
5	NE	4	NE	2-4	ENE	3-4	NE	2-4	NE	2-4	NE	4	NE	3-4	NE	3	NE	2-3	NE	3	NNE	2-3	NNE	2-3	3·2
6	NE	2-3	ENE	3	NE	3	NE	1-2	NNE	2	NE	2-3	NE	3	NE	3	NNE	1-2	NE	1	N	0-1	NW	1	2·5
7	SE	5-6	SE	5	SE	5-6	SE	5	SE	5	SE	5	S	4	SW	2-4	SW	4-5	SW	4	SW	5	SW	4	3·7
8	W	2-4	W	3	WNW	2-3	WNW	2-3	W	2-3	NW	3	NW	2	W	2-3	WNW	1-2	WNW	2	WSW	3	W	3	3·0
9	NW	1-2	WSW	3	W	3-4	W	3-4	NW	2-4	W	2-4	WNW	2-3	NW	3	W	4-5	W	4	W	4	W	4	3·2
10	SW	3-4	SW	1-2	SW	2	SW	2	SW	2	SW	1	S	2	S	2	SSW	3	SSW	4	SSW	3-4	SW	3-4	3·0
11	S	4-5	S	4-5	SSW	5	S	5	S	5-6	S	5	SW	3	SW	3	W	3-4	SW	2-4	SW	4-5	WNW	2-5	4·0
12	SSW	2-3	WSW	3-4	W	1	W	3	SW	3	WSW	2	WSW	2	WNW	1-2	WNW	1-2	NW	3	W	2-4	SW	3	2·7
13	SE	5	SSE	5	S	5	S	5	S	5-6	S	5	SSE	6	SE	6	SSE	6-7	S	6-7	S	6	S	6	4·4
14	SE	2	E	1-2	NE	3	E	0-1	ESE	2	ENE	1	NNW	2	NW	2	NW	2-3	W	2-3	W	3	WSW	3-4	2·4
15	WNW	1-2	WSW	3	WSW	3	WNW	2-3	WNW	1-2	WNW	2-4	N	1-3	WNW	1-2	W	4	W	1-3	NW	3-4	NW	3-4	3·0
16	SSW	3	SSW	3	W	2-4	WSW	4	SW	4-5	W	2-3	WNW	2-3	W	3	NW	1-3	NW	3	W	1-3	W	3-4	2·5
17	SSW	4	WSW	3	SSW	2-3	S	3	SW	3	SW	3	SSW	3	WSW	2-3	SW	2-3	WSW	1-4	S	4	SW	2-4	3·2
18	WNW	1-2	NW	3	W	3	NW	1-2	W	3	NW	3	SW	0-2	NNW	2-3	NW	0-2	W	1-2	WNW	2	WNW	3	2·7
19	SW	1	SW	2	WNW	1-3	SW	0-1	SW	3	W	0-1	WSW	1-2	W	0-1	W	0-1	WNW	1	NW	0-1	W	0-1	1·4
20	W	0-1	NW	1	W	1-2	WSW	3	Calm,	0	W	0-1	W	1	NW	0	W	1-2	W	1-2	WSW	2-3	WSW	2-3	1·0
21	S	4	SSW	3-4	S	4	S	4	S	3-4	SSE	4	S	4	SSW	4-5	SSW	5	SW	5	SW	5	SW	4	3·9
22	SW	3	WSW	2-3	SW	3	S	3	SW	3	SW	3	SW	3	SW	3	SW	1-3	SW	2	SW	3	SW	3	3·2
23	W	1	SW	1	S	1	Calm,	0	SSE	0-1	Calm,	0	Calm,	0	SE	0-1	NE	1	NE	0-1	SE	1-2	SE	2-3	1·4
24	SE	2-3	SSE	2-3	SSE	3	SE	3	SE	3	SE	3	SE	3	SE	1	SSE	2-3	SE	3	SE	2-3	SE	2	2·4
25	SSE	2	S	1-2	SSE	2	SSE	2-3	SE	2	E	0	ESE	1	SE	3	SSE	1	SSE	1	S	1-2	S	1	2·1
26	SSE	2-3	SSE	1	SSE	1-2	SSE	1-2	SE	1-2	SE	2	Calm,	0	NW	0-1	N	0-1	N	0-1	NE	0-1	SE	1	1·0
27	SSW	0-1	Calm,	0	E	0	Calm,	0	NE	1	ENE	1	SE	1-2	SE	1	SE	0-1	NE	0	Calm,	0	N	0-1	0·7
28	S	0-1	E	0-1	ESE	1-2	SE	1	SSE	1	Calm,	0	SW	0-1	Calm,	0	Calm,	0	N	0	N	1	N	1-2	0·8
29	S	1	SSE	1-2	SE	0-2	NE	0-1	Calm,	0	N	0	N	0	N	1	E	1	SE	0-1	SE	0-1	S	0-1	1·1
30	NE	0-1	E	0	Calm,	0	Calm,	0	ENE	0-1	NNE	0-1	NNE	1	N	0	NE	0	NE	0	N	0	N	0	0·5
31	Calm,	0	W	1	W	0	SE	0-1	S	1-2	SW	0-1	SW	1	SW	2	SW	3	SW	3	SW	3	SW	3-4	1·2
Means		2·40		2·45		2·58		2·35		2·44		2·19		2·21		2·16		2·31		2·29		2·56		2·74	2·50

Direction and Force of Wind (0 to 12). JUNE 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	4-5	SW		SSW	4	SSW	4	SSW	4	SW	4-5	SW	4	S	3-4	SSW	3	S	3	S	3	S	3	3·5
2	SE	5	SSE	3-4	SSE	3	SSE	3	SE	4	SSE	3	SE	3	SSE	3	SSE	2	S	3	SE	2	SSE	3	3·7
3	SSE	1	SE	1	SSE	2	SE	1	S	0	NE	0-1	SE	1	SW	1	SW	1	WSW	1-2	W	1	Calm,	0	1·0
4	Calm,	0	N	0	NW	0-1	E	1-2	N	1	NW	0-1	Calm,	0	NW	0-1	NW	0-1	NW	0-1	WNW	1	N	1	0·6
5	NW	0-1	NE	1	Calm,	0	NE	1	N	0	Calm,	0	Calm,	0	Var.	0	Var.	0	SE	1	SE	1-2	SE	1	0·8
6	N	0	Calm,	0	Calm,	0	N	0	WSW	1	N	0-1	N	0-1	N	1	N	1	NNW	1	Calm,	0	N	0	0·6
7	SE	0-1	E	0	NE	1	NE	0-1	NNE	2	NE	1-2	N	1-2	N	2-3	NE	2-3	NNE	3	Calm,	0	NE	2	0·9
8	NE	2	Var.	1	NE	0-2	W	1	NE	3	NE	2-3	NE	3	ENE	3	NNE	3-4	S	1	NNE	2-4	NNE	1-3	2·2
9	N	0-1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	NE	0-1	ESE	0-1	Calm,	0	SE	0	S	0-1	S	1	SSW	1	1·0
10	S	3	SSW	2	S	2	SW	3	SW	3	SW	3	SW	3	SW	2	SSW	3	SW	2	SSW	3	SW	3	2·1
11	WNW	2-3	SW	3	NW	3	NNW	2-3	NW	1-3	NNW	2-3	W	3	NW	1-3	NW	2-4	W	3	NW	1-3	NW	2-4	3·2
12	S	3	SW	3	SW	3	SW	3	SW	4	W	4	WSW	4	WSW	4-5	WSW	4-5	W	4-5	W	3-5	WSW	4	3·0
13	E	1-2	E	1-2	NE	2	Calm,	0	S	1-2	NE	1-2	SW	1-2	S	0-1	W	1	NE	0-2	NNE	2	N	0-1	2·7
14	NW	0-1	E	2-3	NE	0-1	SSW	0-1	ENE	1-2	NNE	2-3	SSW	2	WNW	1-2	Var.	0-1	E	0-2	SE	1-2	W	0-2	1·5
15	NE	2	E	0-2	E	1-3	NE	2-3	NE	2	NNE	2	NE	2	ENE	2-3	NE	2-3	ENE	3-4	E	3-4	ENE	3	2·4
16	NE	3	ENE	3-4	ENE	4	NE	4	NE	3	NE	3	NE	2-3	NE	3	NE	3-4	NE	3	NE	3-4	NE	3	3·2
17	Calm,	0	Calm,	0	Calm,	0	N	0	Calm,	0	SW	2	SW	2	WSW	2	W	1	W	1	NW	2	NW	3	1·5
18	SSE	1	E	0	S	0	S	0	E	0	NE	0-1	Calm,	0	Calm,	0	S	1	S	3	S	3	S	3	1·1
19	E	0-1	Calm,	0	SSE	1	SSE	1	SSW	1	Calm,	0	N	1	NNW	1	N	0	N	0-1	SE	0-1	SSE	1	1·0
20	S	2	S	1	S	0-1	S	1	S	0-1	S	1	S	1	S	0-1	Calm,	0	Calm,	0	SSW	0	SSE	0-1	1·1
21	SW	1-2	SSW	1	SSW	0-1	N	1	N	1	W	2	NNW	0-2	NW	1-2	NW	2	NW	2-3	NW	3	NW	2	1·2
22	W	2-3	NW	1	N	1	NW	1-2	SE	0-1	ESE	0-1	E	1	NNE	3	N	2-3	NE	2-3	NNE	2-3	NNE	1-3	1·8
23	NW	1-2	W	1-2	W	2	SW	3	WSW	3	SSW	3	SW	3	SW	3	SW	3-4	SW	3-4	SW	4	SW	4	2·4
24	WSW	4	WSW	4	NW	4	NW	3	W	1-3	NW	2-4	NW	2-3	WNW	2-4	SSE	2	SE	3	N	1-4	NE	1-4	3·4
25	WNW	2-3	W	2	W	2-3	N	1-3	W	3	W	3	NNW	2-3	WSW	3	SW	3-4	SW	3-4	W	2-4	NW	2-3	2·9
26	NW	2	W	1	NW	0-1	NW	2	NNW	1-2	W	2	W	3	WSW	3	W	3-4	WSW	3	W	3	W	3	2·4
27	SW	3	SW	1-2	SW	2	SW	2-3	SSW	2	SW	3	SW	3	SW	2	SW	2	SW	2-3	SW	3	WSW	3-4	2·4
28	S	2	S	2	SSW	2-3	SSE	2	S	2	S	2	S	3	SSE	3	SSE	3	SE	3	SE	3-4	SE	4	2·5
29	SSE	4	SSE	4-5	S	4	S	3-4	S	3-4	S	4	SSE	3-4	SE	3	SE	3-4	S	3	SSW	2	S3W	3	4·1
30	S	1	SW	0	WSW	1	W	0	Calm,	0	Calm,	0	N	1	N	1	Calm,	0	Calm,	0	SE	0-1	Calm,	0	1·3
31																									
Means		1·90		1·55		1·65		1·67		1·73		1·93		1·97		1·98		1·97		2·12		2·15		2·15	2·05

Direction and Force of Wind (0 to 12). JULY 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SE	1	SE	1	ESE	1	SE	1	S	2-3	S	2	S	2	SSE	0-1	Calm,	0	SSW	0	Calm,	0	S	0
2	SSE	1	S	0-1	SE	1-2	S	1	SE	2	SE	1	ESE	1	SE	2	SSE	2	S	2	SSE	2	SSE	2
3	S	1-2	S	2	S	1-2	S	2	SSE	2	S	1-2	S	2	S	2	S	1	Calm,	0	S	1	S	1
4	SSE	3-4	SE	3	SE	3	SE	3-4	SE	4	SE	4	SE	3-4	SSE	3	SSE	3	S	3	SSE	3-4	SSE	3
5	SE	3-4	SE	3-4	SE	3	SE	3-4	SSE	3	SE	3	SE	3-4	SE	4	SE	3-4	SE	3	SE	2-3	SE	2
6	SE	3-4	SSE	3	S	2	S	2	S	2-3	S	2	SSW	1-2	S	1-2	S	1	S	1	S	1	S	1
7	SSE	2	SE	3-4	SE	4	SSE	4	S	3	SSE	4	SE	4	SE	4	SE	4-5	SSE	4-5	SE	5	SSE	4-5
8	SSE	4	SSE	3-4	SSE	3-4	SSE	5	SE	5	SE	5-6	SE	5-6	SSE	6	SSE	5-6	S	2-4	S	2	S	2
9	SSE	2-3	SE	2-3	SE	3	SE	2	SE	3	SE	3	SE	2	SE	2	SE	2	SE	3-4	SE	3	SE	1-3
10	SE	6	SE	5	SE	6-7	SE	6-7	SE	5	SE	5	SE	5	SE	5	SE	5	SE	5	SE	5	SE	5
11	ESE	5	SE	5	ESE	5	ESE	4-5	SE	5	SE	4-5	ESE	4	SE	3	SSW	4	SSW	3	SSW	3	SSW	3
12	SSE	3	SE	3	SE	3-4	SE	4	SE	5	SE	4-5	SSE	4	SE	3	SSE	2	S	3	SE	3	S	3
13	SE	3-4	SSE	4	SE	4	SSE	3	S	3	S	3	S	3	S	3	SSE	3	SSW	3	SE	3-4	SE	4
14	S	3	S	2	S	1	S	3-4	S	2	S	3	S	3	S	1-2	SSW	3-4	SW	3	SSW	3	SW	2
15	SW	3	SW	1-3	SW	3	SW	4-5	SW	2-3	SW	2-3	SW	3	WSW	1-2	SW	3	SSW	2	SSW	3	S	3
16	SE	5-6	SSW	3	S	3	SSW	3	S	2-3	S	2	S	3	S	4	SW	3-4	SSW	3	S	3	SW	3
17	SW	4	WNW	3	NW	3	N	2	WSW	3	W	2-3	SW	2	NW	1-2	S	1-2	SE	2-3	E	2-3	SE	2
18	NW	1	Var.	1	SW	1-2	W	1	NW	0-1	WSW	1-2	N	1	N	0-2	W	2	SSW	1-2	NW	0-1	SW	0-1
19	NNE	3	NE	3	E	2	NNE	3	NNE	1-2	N	1-2	NE	1-2	N	1	N	1-2	N	0-1	N	1-2	N	2
20	NE	1	NNE	2	N	3	NNW	2-3	N	2	N	1-2	N	1	N	1	N	1	N	0	NNW	0	Calm,	0
21	S	3	S	3	S	3	S	3-4	S	2-3	SSE	3	S	3	S	3	SSE	3	SSE	3	SE	3	SE	3
22	SW	4	SSW	3	SW	4	SW	3-4	S	3	WSW	0-1	S	2	SSW	2	SSW	2	S	3	SW	2	S	2
23	SW	2-3	SW	3	SW	2-3	SW	2	SW	2	SSW	2	S	1	SSW	2	SSW	2	SSW	1-2	Calm,	0	SSW	1-2
24	WNW	1-2	W	3	WNW	1-2	W	0	Calm,	0	N	0-1	N	0-1	N	0-1	N	1	ENE	1	SE	1	N	0-2
25	N	1-3	S	1	NE	1-2	ESE	1-2	NE	2-3	ENE	1-2	NE	2	N	1-3	ENE	2-3	NNW	2-3	E	1-3	WSW	0-1
26	N	0-2	NE	0-2	W	2-3	NW	2	N	2	Calm,	0	NW	1	S	1	W	0	S	2	S	1-2	S	1-2
27	SE	3-4	SE	3	ESE	3-4	E	3	ENE	1	E	0-1	E	1	ESE	1	ESE	1	NNE	1	E	0-1	SE	0-1
28	SW	2	SW	2-3	SW	3	SW	3	SSW	2-3	SSW	2-3	SW	2-3	S	2	SW	2	S	2-3	SSW	2	S	2
29	SE	0-1	SE	1	ESE	1-2	SE	1-2	SE	2	SE	2-3	SE	2-3	SSE	2-3	SE	2	SE	2-3	SE	2-3	S	0-1
30	SW	2	SW	2-3	WSW	3	W	2	SSW	2	SW	2	SW	2	WSW	1-2	SW	2	S	2	SW	2	SW	3
31	WSW	2	WSW	3	W	2-3	WSW	0-1	NNW	2	NNW	2	N	2	N	1-2	N	2	NW	1	NNW	0-1	ENE	0-1
Means		2·73		2·63		2·79		2·71		2·60		2·40		2·42		2·24		2·32		2·21		2·10		1·97

Direction and Force of Wind (0 to 12). AUGUST 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	S	3	S	3	SSE	3	S	3	S	2-3	S	2-3	S	3	S	2-3	SSE	3	SE	3	SSE	3	SSE	2-3
2	SSE	7	SSE	7	SE	6-7	S	3-4	S	6	S	5-6	S	4-5	SSW	2-3	WSW	2-4	SSW	2	SW	3-4	S W	3-4
3	W	5	WSW	5	W	5	WSW	4-5	W	4	W	2-4	W	4-5	WSW	4-5	WSW	4-5	W	3-4	W	4	SW	4
4	W	2-3	NW	3-4	W	2-4	WSW	2-3	NW	2-3	WNW	2-3	W	2-3	WSW	2-3	NW	2-3	NNW	2-3	W	3	W	2
5	SW	4-5	SW	3-4	SSW	4	S	4	SW	3	SSW	3	SSW	3-4	SSW	3-4	SSW	3	S	3	S	3-4	S	3-4
6	S	3-4	SW	3-4	SW	3-4	SW	2-4	S	3	S	3	SSW	2	SSW	3	SW	3	WSW	2-3	SW	3	S	3
7	SSW	3-4	S	4	S	3-4	S	1-2	S	3	S	3	S	3	S	2	S	3	S	3	S	3	SSE	3
8	SSE	3-4	S	2-3	SSE	2	S	3	S	3	S	3	S	3-4	SE	3	S	2-3	S	3	S	3	SSE	2
9	SSE	3-4	SSE	2-3	S	3-4	S	3	S	2	S	3	S	2-3	S	2	S	3	S	2	SE	2-3	SSE	2
10	S	3	S	3	S	3	SSW	4	S	3	SSW	3	S	3	W	2-3	SSW	2-3	S	2-3	SSE	2-3	S	2
11	S	2	SW	2	SW	2	SSW	2	SW	2	S	2	SW	0-1	SW	1-2	S	2	S	2	S	2	S	2
12	S	3	S	2	SSE	3	S	3	SE	2-3	SSE	3-4	SSE	3	SSE	3	SE	3	SE	4	S	3-4	SSE	3
13	S	1-3	S	3-4	S	3	SW	2-3	W	1-2	SSW	2	S	2	S	2	S	1	S	3	SW	3	SW	4
14	SSW	2-3	SW	4	WSW	3	WSW	2	S	2	W	2-3	W	2	W	2	SW	3	SW	3	WSW	2-3	SW	2
15	WSW	3	W	2-3	SW	4	W	2	SW	2-3	SSW	3	SW	3	SSW	2-3	S	2-3	S	3-4	S	2-3	SSW	2-3
16	WSW	3-5	W	5	W	4-6	WSW	5-6	SSW	4-5	SW	4-5	W	4-5	WSW	2-5	W	2-4	WSW	3-4	W	1-4	W	1-3
17	SW	0-1	WSW	0-1	W	1	W	0-1	WNW	1	SSW	1	NW	1	NNW	0-1	SSW	1	S	1	S	1	S	0-1
18	WSW	3	SW	3	SW	3-4	SSW	3	SSW	2-3	S	3	S	2-3	S	3-4	S	1-3	S	2-3	S	2	SSW	1-2
19	S	1-3	SSE	1-3	S	3-4	SSE	3-4	SSE	2-4	S	5	S	4-5	SSE	4-5	SW	3-4	SW	0-2	SW	2-3	W	2
20	NW	0-1	Calm,	0	S	1	Calm,	0	WNW	3	W	3	W	3	W	3	SW	3-4	SW	3-4	SSW	3-4	SW	3
21	NNE	1-4	N	1-3	NW	1-2	N	1-3	Var.	1-3	NNW	3	N	2	NW	2	SE	1	SE	1-2	SE	2	SE	3
22	S	6	SSW	4-6	S	4-5	S	4-6	S	5	S	4	SSW	4-5	S	3-4	S	4	S	3	S	3	SSW	2-3
23	SSE	3-4	SW	3-5	SW	4-6	SW	4-6	W	3-5	W	3-4	W	4	WSW	4-5	W	3	W	4-5	SW	4	W	3
24	SSW	3-5	W	3-4	WSW	2-3	WSW	2-3	NW	2	W	3	SW	3	SW	3-4	SW	2-3	SW	2	SSW	2-3	SSW	3
25	NNW	0-2	NNW	1-3	Var.	0-2	SW	0-2	NW	1	N	1	W	1	NNE	2	NNE	1-2	N	1	NE	1	NE	1-2
26	E	0-1	NNW	1-2	Calm,	0	NW	0-1	Var.	0-1	NE	1	NE	1	N	2-3	N	3	N	1-2	E	0-1	W	0
27	NNW	1	NNW	1	N	2	N	1	N	1	N	1	NNE	1	N	1	Calm,	0	SE	0-1	Calm,	0	SE	1
28	SE	5	SE	5-6	SE	4-5	SE	4	SE	3-4	SE	3	SE	3	S	3	W	0	W	1	SSW	1	SSW	1
29	NNW	1	NNW	1	N	1	SE	0-1	S	0	Calm,	0	Var.	0	Calm,	0	NNW	0-1	W	2	WNW	1-2	W	1-2
30	W	1	W	1-2	W	0-1	NW	1-2	W	2-3	NW	1	NW	2	NNW	0-1	WNW	2	W	2	W	0-1	WSW	2
31	W	1-3	W	1-3	NW	1-2	WNW	2	W	2	W	2	NW	1-2	W	1-2	W	2	WSW	1	W	1-2	SW	1-2
Means		2·87		2·94		2·90		2·61		2·58		2·69		2·61		2·52		2·39		2·39		2·37		2·29

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Calm,	0	SW	0–1	S	0	S	0–1	S	0	S	0	S	0–1	S	0–1	S	1	S	1–2	SSE	1	S	1	0·7
2	SSE	2	S	2	SSE	2	SSE	1–2	S	2	S	2	SSE	2	S	2	S	2	S	2	S	2	S	1–2	1·7
3	SSE	3	SSW	1	S	2	S	1–2	S	0–1	SSE	1	S	2	S	1	S	1	SE	2	SE	3–4	SE	3	1·6
4	SSE	3	SSE	3–4	SE	4	SE	4	SE	4–5	SSE	3–4	SSE	3–4	SSE	4	SE	4	SE	4	SE	3	SE	3	3·5
5	SSE	3	SSE	2	SE	2–3	SSE	2	SE	1	SE	1–2	SSE	2	SSE	2	SE	3	SE	3	SE	3	SE	4	2·8
6	S	2	S	0–1	S	2	SSW	2	S	2	S	1	S	1–2	S	1–2	S	1–2	S	1	S	1–2	SE	3	1·7
7	SE	5	SE	4	SE	5	SSE	5–6	SSE	5–6	SE	5	SSE	5	S	2–4	S	4–6	S	1–3	SSE	4	S	4	4·2
8	S	2	S	2	SSE	3	S	2	S	3	S	2	S	2	S	2	S	2	SSE	4	SSE	3–4	SE	3	3·4
9	SE	4	SSE	3–4	SE	3–4	SE	4	SE	4–5	SE	4–5	SE	4–5	SE	6	SE	6	SE	6–7	SE	6	ESE	6	3·6
10	SE	4–5	SE	5	SE	4	SE	5	SE	4–5	SE	5	SE	5–6	ESE	5–6	ESE	5–6	ESE	5–6	SE	4–6	SE	5	5·2
11	WSW	3	SSW	3–4	SW	2	S	2–3	S	1–2	S	2	S	2	SSE	2	S	2	SSE	3	SSE	3	SSE	3	3·3
12	SW	2	SSW	2	SSW	3	SSW	3	SSW	2	SSW	3	SSW	1	S	3	S	3–4	S	3	S	3	SSE	4	3·1
13	SE	4–5	SE	4–5	SSE	4–5	SE	5	SE	5–6	SE	5	SE	5–6	SE	5–6	SSW	3	SE	2–3	S	3	S	1–2	3·8
14	SW	3	SW	2	SSW	3	SSW	3	S	3	SW	2	SW	3	W	2–3	SW	1–3	SSW	2	WSW	3	SW	2	2·5
15	S	2	S	2	SSW	3	SSE	4	SE	4	SSE	3	SE	4	SE	5	ESE	5	SE	6–7	SE	6–7	SE	5–6	3·5
16	SSW	2–3	SW	4	SW	4	SW	3	SW	4	SW	4–6	SW	4–5	W	5–6	W	2–4	SW	4	WSW	2–4	SW	3–4	3·5
17	ESE	3	WNW	1–2	NE	1–2	NW	1–2	WNW	0–1	WSW	2–3	NW	1	N	2	NW	2	N	1	NW	1	W	2	2·0
18	Var.	0–2	NE	1–2	Var.	2	N	3	N	3	SSE	1	NE	0–2	N	4	N	3–4	NNW	2	N	3–4	N	3–4	1·8
19	E	1	E	0–1	NNE	1–2	ENE	2	NE	1–2	E	1–2	N	1	NE	1	ENE	1	Calm,	0	N	2	Var.	1	1·5
20	N	1	Var.	0–1	Calm,	0	NW	0–1	NNW	0–1	Calm,	0	WSW	0–1	Calm,	0	SSE	1	S	1	SSW	1	Calm,	0	0·9
21	NNW	0–1	S	1	S	0–1	S	0–1	SW	1	SSE	0–1	SSE	0–1	S	1	S	2	S	3	SSW	3–4	S	3	2·2
22	SSW	2	WSW	2–3	W	3	SW	3	S	3–4	SW	3	WSW	2	W	2	WSW	2	SW	2–3	W	2–3	SW	3	2·6
23	WNW	2	SW	1	NW	1	NW	1	Calm,	0	WSW	3	W	2	W	1–2	W	2	W	0–1	W	1	W	1	1·6
24	N	1	SSE	0–2	ENE	2–3	W	1	N	3–4	SSW	1	S	1	E	0–1	E	0–1	S	0–1	S	0–1	NE	2–3	1·1
25	ENE	2	NE	1–2	E	0–3	S	1–2	SE	2	E	2–3	ESE	2	E	1–3	NNE	0–1	N	0–2	NE	1–2	N	1–2	1·7
26	S	1	S	1–2	SE	2	SE	3	ESE	1–2	SE	2	SE	2	E	2	ESE	4	SE	4	SE	4	SE	4	1·9
27	S	0	S	0	Var.	0	W	0	Calm,	0	SE	0–1	SE	0–1	N	0–1	W	0–1	SW	1	SW	1–2	SW	1–2	1·1
28	SSW	2	SW	3	SSW	3	S	2	S	1	Calm,	0	Calm,	0	S	0–1	Calm,	0	SE	0–1	SE	0–1	SE	0–1	1·7
29	SSE	0–1	E	0	S	0–1	SE	2	S	1–2	S	0–1	S	2	SSW	3	SSW	3–4	SW	3	SW	2–3	WSW	2	1·8
30	WSW	1–2	SW	3	SSW	2	SSW	2	SSW	3	SSW	1–2	S	1–2	SSW	3	S	2–3	SW	3	SW	3	SW	2–3	2·3
31	ENE	1	W	0	SE	1	S	0–2	S	0–1	S	0–1	SSE	1	SSE	2	SSE	2–3	SSE	3	SSE	3	SSE	3	1·6
MEANS		2·10		1·95		2·24		2·34		2·27		2·11		2·15		2·45		2·47		2·55		2·74		2·71	2·38

DIRECTION AND FORCE OF WIND. AUGUST 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	3–4	SE	4	SE	3–4	SSE	4	SSE	3	SE	3–4	SSE	3–4	SE	5	SE	5	SSE	6	SSE	6	SSE	6–7	3·6
2	WSW	3–4	SW	3–4	W	3–4	W	5–6	WSW	4	SW	4	W	3–4	W	5–6	WNW	4–6	W	4–5	WSW	5	W	4–6	4·5
3	SW	3–4	SSW	5	W	4–5	WSW	4	SW	4–5	WSW	4	NNW	2	WNW	3	WNW	3–4	NNW	3	NW	2–4	NW	2–4	3·9
4	NW	2	NNW	1	W	2–3	WSW	3	W	3	W	3	SW	2–3	W	2–4	SW	3–4	WSW	3–4	WSW	3	W	4	2·7
5	SSW	3–4	S	2–3	S	3	SW	3	SSW	3	SSW	2–3	S	3	SSW	3	S	3–4	S	3	S	2	S	3–4	3·2
6	SSW	3	S	3–4	S	2–3	S	2–3	S	4	S	3	S	3	S	4	S	3–4	S	2	S	2–3	S	2–3	3·0
7	S	1–2	S	2–3	S	1–2	S	3	S	2	S	2	S	2	S	3	S	2–3	SSE	3	S	3	SSE	1–3	2·6
8	SSE	3	SSE	3	SE	2	SW	3	SSE	2–3	SE	3	SE	3–4	SSE	3	SE	3–4	SSE	4	SSE	4	SSE	4	3·1
9	S	2–3	SE	1–2	ESE	1–2	SE	2	SSE	2	S	3	SSE	3	S	3	SSE	2–3	SSE	2–3	S	2–3	S	2	2·5
10	S	2–3	S	2	S	1–2	S	2	SSE	2	S	3	SSE	3–4	S	1–2	S	3–4	SSE	3–4	S	4	S	2–3	2·7
11	S	2	S	1–2	S	2	SSE	1–2	S	1–2	SSE	2	S	2	S	1–2	S	1–2	S	2–3	S	3	S	2	1·9
12	SE	3	SE	3	SSE	3	SE	3	SSE	2	SSE	3	SE	4	SE	3	SE	4–5	SE	4	SE	4	S	4	3·2
13	S	3–4	SSW	2	S	3	SW	2	WSW	2–3	SSW	2	WSW	2–3	SW	2	SW	2	SW	3	SW	1–2	SW	1–2	2·4
14	W	2–3	W	2–3	W	2	W	3	WNW	1	SW	2–3	WSW	2–3	SW	3–4	SW	2–3	SW	4	SW	3–4	WSW	3	2·6
15	SSW	4	SSW	4–5	SSW	4	SSW	4–5	S	4	S	4–5	S	4–5	SSW	5	SW	4–5	SW	5	WSW	5	SW	1–4	3·6
16	WSW	1–3	WSW	2	SW	2	WSW	1–2	WSW	0–1	W	1	WNW	1	W	1	W	0–1	SW	1	SW	1	SW	0	2·5
17	S	1	SSW	1	SSW	2	S	2	S	0–2	S	1	S	1–2	SW	3–4	S	3–4	S	3	SSW	3–4	SW	3–4	1·5
18	S	1–2	S	1–2	S	2	S	3–4	S	3	S	3	SSE	3–5	S	2–4	SSE	2–5	SSE	3–6	SSE	2–4	SSE	1–3	2·8
19	W	0–2	Var.	0–3	WSW	1–2	NNW	0–2	SSW	2–3	W	2	NW	2–3	WNW	0–1	NW	0–1	Var.	0–1	N	0–1	NNW	1	2·2
20	SW	3	SSW	3–4	S	4	SSW	4–5	SSW	4	SW	2–5	SW	4–5	SSW	5–7	SSW	5–6	WSW	4–5	SW	5–6	W	1–4	3·2
21	SE	3	SSE	2	SSE	2	SSE	2	SSE	1–2	SSE	2–3	S	4	S	4	S	6	SSE	6	SSE	6–7	SSE	6–7	2·9
22	S	2–3	SSE	4	S	1	SSE	1	SSE	3	SE	3	S	2–3	SE	4–5	SSE	3–4	SSW	4–5	SSW	3–5	SW	2–4	3·6
23	SW	2–5	SW	3–4	SW	2–4	SW	3–5	W	4	SW	3–4	W	3–5	WSW	2–4	SW	3–5	WSW	3	WSW	4	SW	3–4	3·8
24	SW	3	W	3	WSW	3	W	3	SW	3	SW	3	W	3	NW	2–3	NW	2	NW	1–3	NW	0–2	NNW	1–2	2·7
25	W	0	E	1–2	E	1	Var.	0–1	Var.	0–1	N	3	SE	1–2	E	1	NE	2–3	SE	1	ENE	0–1	NE	0–1	1·2
26	N	0–1	N	1–2	N	0–1	N	1–2	NNE	0–1	NE	2	NNE	2	N	1	N	2	N	1	N	0–1	N	1	1·1
27	SE	2	SSE	1	SSE	1	SE	2	SSE	3	SE	3–4	SE	3	SE	3	SE	4	ESE	4–5	SE	4–5	SE	4–5	1·9
28	W	0	WSW	2	SSW	1	SW	1	W	1	NW	1	E	1	NNW	0–1	NNW	1	NNW	0	NNW	0–1	Calm,	0	1·8
29	WSW	1	SW	0–1	SSW	3	W	1–2	SW	2	WSW	1–2	W	3	W	0	NW	0–2	WNW	0–2	Calm,	0	NW	0–2	1·0
30	SW	2	SW	2–3	S	0	S	1	S	1–2	SW	1	S	0–1	WSW	0–1	SW	1–2	WSW	1–2	W	1–3	WNW	1–2	1·4
31	W	1	W	2	SSW	1	WSW	0	SW	0	SSW	0–1	SW	0	WSW	1	WSW	0	WSW	0–1	WSW	0	Calm,	0	1·1
MEANS		2·27		2·42		2·19		2·45		2·32		2·58		2·68		2·71		2·94		2·95		2·87		2·58	2·59

Direction and Force of Wind. SEPTEMBER 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	Calm,	0	Calm,	0	E	0	SE	1	ESE	0	SE	0	SE	2	SE	2	SE	2	SE	2	SE	2-3	SE	2
2	SSW	2	SSW	2-3	S	2	S	2-3	SSE	3	S	2-3	SSE	2-3	S	2-3	S	1-2	S	3	S	3	S	3
3	WSW	2-4	SW	2-3	SW	0-2	S	2	S	3	S	2	S	2	SSE	3-4	S	3	S	3	S	2	S	2-3
4	SSE	1	SE	1	S	1	SSE	0-1	SE	1	N	0-1	N	1-2	N	1	N	0-1	N	0-1	E	0-1	E	1
5	SSW	0	SW	1	SW	1	SW	0-1	N	1-2	SSE	0-1	N	2	Var.	0-1	W	1	W	1-2	NNE	1-2	N	1
6	N	1-2	N	2	N	2	N	1	N	2	N	2-3	NE	1	N	0-1	Calm,	0	Calm,	0	W	0	S	1-2
7	NE	1	NNE	3	N	3-4	N	4	SE	2	Var.	0	N	2-3	NW	0-1	N	1-3	NNE	2	E	0-1	N	1-2
8	N	1	NNW	2-3	N	2	NW	2	NNW	1-2	WSW	1-2	W	2	NW	2-3	SW	0-1	S	1	S	1	S	2
9	W	3	W	3	W	3-4	SW	3-4	SW	3	SW	3	SW	3	W	3	W	3	W	2-3	W	3	SW	3
10	SW	4	SW	3-4	S	3-4	S	3	SW	2-3	S	2	S	2-3	SSW	2	S	3	S	3	S	2-3	S	3
11	S	4	S	4	SW	3-4	SW	4	SW	3	SW	3-4	S	2-3	S	3	S	3-4	S	3-4	S	3-4	S	3-4
12	S	4	S	3	S	2-3	S	3	S	2-3	S	3	S	2-3	S	2-3	S	2-3	S	3	SE	2	SE	1-2
13	SE	1	SE	0-1	Calm,	0	E	1	E	0-1	E	1	ESE	2	ESE	2	SE	2-3	SE	3-4	SE	4	SE	4
14	S	3-4	SSE	3	SSE	2-3	SE	3	ESE	2	SE	3	ESE	1	E	0-1	E	0-1	ENE	0-1	NE	0-1	E	0-2
15	SE	3-4	SE	3-4	SE	3	SE	3	ESE	2-3	SE	3	SE	3	SE	2-3	SE	3	ESE	3	SE	4	SE	3
16	SE	5-6	SSE	5-6	SE	5	SE	4-5	SE	4	SE	3	SE	4	SE	4	SE	4	SE	3-4	SE	3-4	S	4
17	SW	3	SE	2	SSE	3	SSW	2-3	SSE	4	S	3	S	3	S	3	S	2-3	S	2	S	2	S	2
18	NW	2	NW	1	NW	2-3	NNE	2	NE	2	SE	0	N	1-2	NW	2	Calm,	0	WSW	0-1	S	2	SSE	0
19	WNW	2	NW	1	W	1	W	1	WSW	1	SW	1	SSW	1-2	S	0-1	SSE	1	SSE	2	SSE	2	SSE	2
20	WSW	4	WSW	2-4	WNW	3-4	W	3	WNW	1-2	WSW	3	W	2-3	WSW	3	SW	3	SW	3	SW	3-4	S	3-4
21	SSW	6	WSW	5-6	SW	5	SW	4-5	WNW	3-5	SW	4	SSW	4	WSW	2-4	SW	2-4	SW	3-4	SW	2-4	SSW	4-5
22	W	2	W	3	W	2-3	SSW	2-3	NW	3	NW	3	NW	2-3	W	1-2	SSW	2-3	Var.	1-2	NW	1	NW	2
23	NNE	2	ENE	1-3	NE	1-3	NE	1-3	S	1-2	SE	0-2	ESE	1-2	ENE	2-3	NNE	2-3	NE	0-2	N	2	NW	0-2
24	W	5	SW	4-5	SW	4-6	SW	5-6	WSW	3-5	W	4-6	W	4-5	WSW	4-5	SW	4-5	NW	4	WSW	2-4	W	2-3
25	NE	1-2	E	1-2	NE	1-2	NE	2	Var.	0-1	W	2-3	NW	2-4	NW	3	W	3	WNW	2-3	WSW	3	SSW	3
26	SW	5-7	SW	4-6	W	3-5	W	2-4	Var.	0-3	NW	2-3	W	3-4	NW	2-3	W	2-4	WSW	2-3	SW	2-3	WSW	3-4
27	SSW	4-7	SW	4-8	SW	4-7	SW	3-8	WSW	7-8	SW	7	W	4-5	W	4-6	N	5-7	N	5-6	NNW	4-5	NW	2-4
28	W	2-4	W	3-5	NW	2-4	NW	3-5	WSW	4-5	WNW	4-5	WNW	3-4	WNW	3	W	3-4	NW	2-3	WSW	2-3	SW	3
29	NW	1-3	NW	0-2	W	2-4	NW	2-4	W	2-4	N	2-3	SW	4-5	W	2-4	SW	4-5	W	3-4	W	3-4	NW	4-5
30	SW	3-5	W	3-5	W	3-5	W	2-5	SW	4	WSW	3-4	SSW	4-5	WSW	4	WSW	3-4	SW	4	SW	4-5	SW	5-7
31																								
Means		2·87		2·80		2·72		2·75		2·53		2·45		2·68		2·43		2 50		2·45		2·43		2·60

Direction and Force of Wind. OCTOBER 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	WSW	4	WNW	4-5	W	3-4	WNW	3-4	NNW	2	N	1-2	NNE	2	N	3	NE	2-3	NNE	1-2	NE	0-2	WSW	0-2
2	S	5	SSW	5-6	S	5-6	SSW	6-7	S	4	S	4-5	S	4-5	S	3-4	S	4	S	4	S	4	S	4-5
3	NW	2-3	NW	2-3	Var.	0-2	NW	1-2	N	2	N	2-3	N	1	N	1-3	N	0-2	N	1-2	E	1-3	E	2-4
4	N	1-2	N	1-2	N	1-2	N	1	N	1	NE	0-1	N	0-1	N	1-2	NW	2-3	W	3	W	3	WNW	3
5	NW	1	NW	1	NW	0	NW	0	NW	0-1	SE	0-1	SSE	1	SSE	2	SE	2	SE	3	SE	2-3	SSE	2-3
6	S	2-3	S	2-3	SSE	2	SW	2-3	SW	2-3	SW	2-3	W	2	WNW	0-1	Calm,	0	N	0-1	Calm,	0	S	0
7	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	S	0-1	S	1	S	1	S	1-2	S	1-2
8	SW	2	SW	2-3	SW	2-3	S	3	S	3	SSW	2-3	S	3	SW	3	S	2	S	2	S	3	S	2
9	NE	1	N	2	NNE	2	NE	3	NNE	2	NNE	3	N	3-4	N	3-4	N	3-4	N	3-4	N	3-4	N	4-5
10	NNE	1-2	N	1-3	S	1-2	NNE	2-3	Var.	1-3	S	1-2	N	1-3	SW	1-3	N	3-4	SE	2-3	SE	0-2	NE	1-3
11	SW	3	NE	2-3	E	3-4	NE	3-4	E	3-4	NNE	3	NE	3-4	NE	3-4	N	4	N	3-4	N	4	NW	3
12	Var.	1-3	SE	0	E	2-3	NE	2-4	N	3	N	3	N	3	NE	2-3	E	3	N	2-3	W	0	Var.	0
13	N	2-3	N	3-4	N	4	N	4	N	3-4	NNW	3-4	N	3	N	2-3	N	2-3	NW	3	NW	3	WNW	3-4
14	N	4	N	3	N	2-4	ENE	4	NNE	2-3	N	2-3	N	2-3	N	2	NE	2	N	1-2	N	2-3	N	1
15	WSW	4-5	SW	4-5	SW	4-5	NW	4-5	WNW	3-4	WNW	2-3	N	1-3	N	1-3	N	2	N	1-2	N	1-2	NNW	2
16	NNW	5	NNW	6	NNW	6-7	NNW	6-7	N	4	N	3-5	NNW	3-4	NW	3	N	2-3	N	3	NNW	2	N	2-3
17	NNW	5	N	1-3	NW	4	NW	1-3	N	2-3	W	2-3	N	1-2	N	1-3	NNE	2-3	W	2-3	Var.	1-3	N	1-2
18	NNW	2-3	NW	1-3	WNW	3	N	3	N	1-2	N	1-2	N	2-3	NNW	0-1	N	2	NNW	2-3	N	2	NNW	2
19	N	4	N	2-5	NNE	3-4	E	2	E	1-2	NNE	2-3	E	0-1	NE	3	NNE	3	NE	2-3	E	3	NE	2-3
20	N	2-3	N	3	NNW	2-3	NW	3	NNW	3	NNW	3	NNW	3	NW	3-4	NW	3-4	NNW	4-5	N	2-4	NNW	3-4
21	SW	3	S	4	SW	3-4	SW	3-4	S	4	SSW	4	SSW	3-4	SSW	4	SSW	4	SW	4	WSW	3	SW	4-5
22	SW	4	SW	4-5	SW	4	SW	4	WSW	3-4	SW	4	SW	4-5	SSW	4-5	SW	3-4	SW	4	SW	3-4	S	3
23	SSE	2-3	SE	4	SSE	3-4	SE	4-5	SSE	2-3	S	4	SE	1-3	S	4	S	3-4	S	5	S	3-4	S	4
24	S	3	S	3-4	S	3-4	S	2-3	S	2-3	S	2-3	S	2-3	W	1-2	N	0-1	N	2-3	N	0-2	N	2
25	WSW	5	SW	5	SW	6	WSW	6	WSW	5	WSW	5-6	WSW	5	SW	5	WSW	6	W	5-6	NW	4-5	NW	4-6
26	NW	7	N	7	N	6	NE	6	N	4-5	N	4-6	N	5-6	N	5-7	N	4-6	S	4-5	ESE	3-5	NE	5
27	N	4-5	N	5-6	N	5	N	5	N	5	NNW	3-5	NNE	4-5	N	4-5	N	3	NNE	2-3	NNE	1-3	SE	2-3
28	W	2-4	W	3-5	W	3-5	WNW	4-6	WNW	2-4	NW	3-4	NNE	5-6	N	7-8	N	6-7	NNE	4-5	NNW	3-4	W	2-4
29	N	3	NW	2	WNW	3-4	WNW	2	WSW	1-2	W	2-3	NNW	3	WNW	2-3	NNW	2	SW	1-2	NNW	2-3	W	2-3
30	WSW	3-4	W	1-3	W	2-4	W	4-5	W	3-5	WNW	2-3	NW	2-3	WSW	3-4	SW	3	WSW	3-4	SW	4	SW	4
31	SSW	6-7	SSW	5-6	SW	7	SW	6	SW	5-7	WSW	6-7	WSW	5-7	SW	6-7	SW	7-8	W	3-5	W	3-4	WSW	4
Means		3·26		3·26		3·40		3·48		2·87		2·94		2·87		3·08		3·02		2·94		2·56		2·74

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSE	1-2	SE	1	SSE	1	SE	2	SE	2	S	2	S	1-2	SSE	3	S	2	S	2	SSW	2	SW	2	1·5
2	S	3	S	2	SW	1-2	S	2-3	S	1	SW	1-3	S	2	SW	1-3	SW	3-4	SSW	4	SW	2-3	SW	3	2 5
3	S	2	S	1-2	S	2	SSW	2	S	2	S	2	S	1-2	S	2	S	1	S	1	S	1	SSE	1	2·0
4	NW	0	NNE	0-1	E	0-1	Var.	0	N	0-1	S	0-1	ENE	1-2	N	2-3	N	2-3	SSW	2	NNE	1-2	Calm,	0	0·9
5	E	0-1	NE	1-2	N	2	ESE	1-2	NNE	1-2	E	1-2	NE	1-2	NNE	1-3	NNE	2	ENE	0-1	NNE	1-2	N	2	1·2
6	SSE	1	Calm,	0	S	0	SE	2	SE	1	SE	2	ESE	2-3	ESE	1-3	S	1	NE	2	NE	2	NE	2	1·3
7	N	1-2	Var.	0-1	N	1-2	NE	1-2	E	1	Calm,	0	N	0-1	N	1-2	Var.	1	N	1-2	NNE	2-3	NNE	3	1·6
8	S	1	S	3	S	2-3	SSE	2-3	SE	3	S	3	S	3	S	2	SSW	3	SW	3	WSW	3	W	3	2·2
9	SW	3	WSW	3	SW	3-4	SW	4	SW	3	WSW	2-3	SW	3-4	SW	2-3	SW	2-3	SW	4	SW	4	SW	3-4	3·1
10	S	3	S	2-3	S	3	S	3-4	S	2-3	SE	3	SE	3	S	4	S	2-3	S	4	S	2-3	S	4	3·0
11	S	3	S	3	S	3	SSW	3	S	3-4	S	3	S	3	S	3-4	S	3-4	S	3-4	S	3	S	3-4	3·3
12	SSE	1-2	SSE	1-2	SE	1	SE	1-2	ESE	0-1	ESE	0-1	E	0	SE	0	Calm,	0	SE	1	SE	1-2	SE	2	1·8
13	SE	3-4	SE	3-4	SE	3-4	SE	4	SE	3-4	SE	3-4	SE	3-4	SE	3-4	SE	3	SE	3	SE	3	SSE	3	2·6
14	ESE	2-3	SE	3	SSE	2-3	SE	3-4	SE	4	SE	3-4	SE	4	SE	3-4	SE	3-4	SE	3	SE	4	SE	4	2·6
15	SSE	3	SE	4	SSE	4	SSE	3	SE	3	SE	3	SE	3	SE	3-4	SE	3-4	SE	4	SE	4-5	SE	5	3·4
16	SE	3-4	SE	5-6	SE	5-6	SSE	5	SE	3-4	SE	4	SE	4	S	3-4	S	3-4	S	3	S	3-4	SW	3	4·1
17	WSW	1-2	SW	3	WSW	2-3	WSW	3	WSW	2-3	W	2	WSW	1-2	W	1-2	W	1-2	NW	1	W	2	NW	2	2·3
18	NW	2	SSW	1	S	1	S	1	S	1	SSE	1	S	1	S	1	WNW	2	WNW	1	W	2	W	2	1·3
19	SSE	2	S	2	SSE	2-3	S	2-3	SW	3	SSW	3	S	3	SW	2-3	SW	1-3	W	3-4	SW	2-3	SW	3	2·0
20	SW	3	SSW	3-4	SW	3	SW	2-3	SSW	4	SSW	5-6	SSW	5	SSW	4-5	WSW	4-5	SW	4-5	W	4	SW	5-6	3·6
21	SSW	4	W	2-3	NW	1-2	NNW	2	NW	3	WNW	3	NW	1	WNW	2-3	NW	2	W	2-3	WNW	2-3	W	2-3	3·3
22	SW	2	W	2-3	N	3	NNW	2	NW	2	NW	1-2	NNE	1-2	ESE	1-3	E	3-4	SSE	1-3	ESE	1-2	E	1-2	2·1
23	NW	1-2	NNW	1-2	W	1	WSW	2-3	WSW	2-4	WSW	3-4	SW	2-4	WSW	2-4	W	2-4	SW	4-5	W	5	SW	4-5	2·4
24	NW	3-4	W	2-4	W	1-2	WNW	2	W	2-3	NW	1-2	W	2-3	SW	1-2	NNE	1-2	W	0-1	E	1-2	NNE	1-2	3·1
25	S	4-5	S	3	S	3	S	3-5	S	5	S	5	S	5-6	SW	4-6	SSW	4-7	SW	6-7	SW	4-7	SW	6-8	3·6
26	NW	3-4	W	2-4	W	2-3	W	2-4	WSW	4	SW	2-4	SW	3-4	W	2-4	WSW	4-6	S	3-6	SW	3-6	SW	3-6	3·5
27	NW	2-4	NW	2-4	NW	2-4	NNW	2-5	WNW	2-4	WNW	4	W	3	WSW	2-5	WSW	3-6	Var.	2-5	W	4-6	W	2-5	4·5
28	W	2-4	W	3-4	WSW	2-3	WSW	2-3	WSW	2-3	WSW	2-3	WNW	2-3	W	2-3	W	2-3	W	2-3	NW	0-1	NW	0-2	2·9
29	NW	4	NNW	2-4	WSW	2-4	W	2-4	NW	2-4	NW	2-3	NW	1-3	NW	2-4	W	3-4	NW	2-4	W	2-4	W	3-5	3·1
30	WSW	6-8	SSW	7	SW	7	SSW	7	S	6-7	S	7-8	SW	8	SW	7-8	WSW	5-7	WSW	3-5	SW	3-6	WSW	3-5	5·2
31																									
MEANS		2·60		2·58		2·47		2·73		2·68		2·72		2·70		2·80		2·83		2·83		2·87		3·02	2·67

DIRECTION AND FORCE OF WIND. OCTOBER 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	1-2	NNW	1-2	NNW	1-2	NNW	2	W	1	WNW	2	NW	2	NW	2	SW	3	SW	3-4	SW	5	SW	5	2·5
2	S	4	S	4	SW	4-5	SW	4-5	WSW	2-4	SW	3-4	W	3-4	NW	2-3	W	3-4	NW	3	Var.	2-3	NW	1-2	4·0
3	ENE	3	E	2-3	SE	2	E	1-2	ESE	3	E	2	NE	1-2	NE	1-2	NNE	2-3	NNE	2-4	NNE	2	N	3	2·1
4	NNW	2-3	NW	1	W	1	NW	1-2	WNW	3	N	2	N	1-2	N	1	N	1	N	0-1	N	0	NW	0-1	1·5
5	SSE	2	SSE	2-3	SE	1-2	SE	1-2	SSE	1-2	SSE	3	SSE	3	S	3	S	3	S	3	S	2-3	S	2-3	1·9
6	Calm,	0	Calm,	0	Calm,	0	Calm,	0	N	0	N	1	N	0-1	N	1	N	0	N	0	N	0	Calm,	0	0·8
7	S	2	S	2	SW	2	SW	3	SSW	3	SSW	3	SW	2-3	SW	2-3	SW	2-3	WSW	2-3	SW	2-3	WSW	2-3	1·5
8	S	2	SSE	2-3	S	2-3	SSE	2	SE	2-3	SSE	2-3	SE	2-3	ESE	2	E	0-1	ESE	1	E	0	NE	1-2	2·2
9	NNE	5-6	N	5-7	NNE	5-7	N	6-7	N	6	NE	2-4	E	2-3	SSE	1	SE	0-1	NE	1	ESE	0	E	0-1	3·1
10	Var.	1-3	NE	1-2	E	0	NNE	2-3	SE	0	NE	3	NE	1-3	E	1-3	ENE	0-1	NE	2-3	SE	2-3	Var.	1-3	1·9
11	NE	3-4	N	2	NE	2-4	NE	2-3	N	2	N	3	NE	3	NE	2-3	NE	2-4	NE	2	NE	1-2	E	1-2	2·9
12	Calm,	0	E	2	E	1	E	2	Var.	1	N	1-2	N	1-3	NE	2-3	ENE	2	N	2	NE	1	N	2-3	1·9
13	W	3-4	W	3-4	NW	2	WNW	3-4	WNW	3-4	W	3-4	NW	3	N	3-4	N	3-4	N	3-4	N	3-4	N	4-5	3·3
14	N	1	N	1	N	2	N	2	NW	2-3	NW	4	N	4	N	4	NW	4	W	3	SW	3	WSW	3-4	2·7
15	NW	2	NNW	2-3	N	2-3	NNE	3-4	NW	3	N	4-5	N	4-5	N	5	N	3-5	N	3-4	NNW	4	N	2-5	3·2
16	N	1-2	NNW	3	NW	3-4	N	2-3	WNW	2-3	N	1-3	NNW	2-3	N	3	W	2-3	WNW	5	NW	5	NW	3-4	3·5
17	W	0-2	N	2-3	NW	3-4	E	2-3	N	1-3	N	1-2	N	2-3	NW	2-4	N	3	NNW	3	NNW	3	N	2-3	2·5
18	NNW	2-3	NNW	3	NW	2	NW	2-3	N	1	NW	3	NNW	2-3	WNW	2	WNW	2-4	NW	2-3	N	1-2	NW	2-3	2·2
19	N	2-3	NNE	3	SE	1-2	NE	2	NNE	3-4	N	2-3	NNE	2-3	N	2-3	NNE	3	N	1-2	N	2-3	NNW	3	2·6
20	NW	4-5	W	3-4	NNW	3	WSW	4	WSW	3	SW	4-5	WSW	3-4	WSW	3	SW	3-4	SW	3	SW	3-4	SW	3	3·3
21	SW	4	SSW	3-4	SSW	4	SSW	4-5	SSW	4-5	SSW	3-4	SW	3-4	SW	3-4	SSW	5	SSW	4-5	SW	4	SW	4	3·9
22	SSW	3-4	SW	2-5	SSW	3	SW	2-3	SSW	3-5	SSW	4-5	SSW	3	S	4	S	4	SSW	3-4	SSW	4	SSE	4-5	3·8
23	S	4	S	4	SSE	3-4	SSE	2-3	S	3-4	S	3-4	S	3-4	SSE	3-4	S	4	S	3	S	3-4	S	3-4	3·5
24	N	0-1	N	2	NW	2-3	NW	1	W	2-3	NW	2-3	WNW	3	NW	2-3	W	2-3	W	1-2	W	3	WSW	4-5	2·3
25	NW	2-4	WNW	5-6	NW	5-6	W	5-6	WSW	6	W	5-6	WSW	7-8	SW	7	WSW	4-6	NW	4-7	NW	3-7	N	5	5·5
26	NNE	5-7	N	4-5	E	5	ENE	4-5	S	3-5	NNE	6-7	ESE	3-5	N	6	N	5	N	6	N	5	N	5	5·3
27	NNW	2-4	NNW	3	W	1-2	WSW	2-3	SW	3-4	SSW	4	SSW	4-5	SSW	4-5	WSW	4-5	W	3-5	WNW	2-6	W	3-5	3·8
28	N	3	N	3-4	ENE	2	NNW	4-5	N	1-2	NNE	2	N	2-3	NW	3	NNE	2	N	1-2	WSW	2	W	1	3·4
29	W	3-4	WNW	3	W	3	W	2	NW	2	W	3	W	3-4	WSW	4	WSW	3-4	WSW	2-4	WSW	3-4	SW	2-3	2·7
30	SW	4	SW	3-4	SW	5-6	SW	4-5	SW	5-7	SW	5-6	SW	4-5	WSW	5	SW	5-6	WSW	5-6	SW	6	WSW	5-7	4·2
31	WSW	3-4	SW	3-4	SW	3-4	SW	3	SW	3	WSW	2-4	SW	4-5	SW	2-4	SSW	5-6	SW	4-6	SW	4-5	SW	5	4·9
MEANS		2·73		2·87		2·71		2·87		2·82		3·18		3·08		3·08		3·06		2·97		2·90		3·1	3·00

Direction and Force of Wind. NOVEMBER 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SW	4–5	SW	2–4	SW	3	SW	3	SW	3	SW	3	SW	3–4	WSW	3	WSW	3–4	SW	3–4	WSW	3–4	WSW	2–4
2	Calm,	0	SW	0–1	Calm,	0	N	0–1	NNW	2	N	3	N	3–4	N	3–4	N	2	N	2	NNW	0–1	W	1–2
3	WSW	3–4	SW		W	2–3	W	2–4	NW	2–3	N	2–3	WNW	2–3	W	2–3	NW	1–2	NW	1	NW	1–2	W	2
4	SSE	5–7	SE	7	SSE	7	SSE	7–8	SSE	7–8	SSE	7–8	SE	7–8	SSE	7–8	SE	8	SE	8–9	SE	8–9	SE	8
5	SW	5	SW	4–6	SW	4–6	SW	5–6	WSW	5–6	SW	4–5	WSW	4–6	W	3–5	WSW	4–5	WSW	3–5	SW	4	WSW	2–4
6	NNW	2–5	NW	2–4	WNW	3	NW	2–4	WNW	3–4	WNW	2–3	W	3	N	1–3	N	3	N	1–2	W	2–3	W	2–3
7	E	4–5	ESE	6–7	ESE	7–8	ESE	8	SE	7	SE	5–6	SE	7–8	S	6–7	SSW	5–6	S	4–6	S	5	SW	5–6
8	NW	1–3	W	3	SW	3–4	SW	4	SW	4–5	WSW	4–5	SW	5	SW	5	SSW	5–6	SSW	4–7	SW	5–7	SW	6
9	S	7	SSW	8	S	6–8	SSW	7–8	SW	7	WSW	5–6	W	3–5	WNW	2–4	W	3–4	WNW	3–4	W	3–4	NW	3–4
10	NW	1–3	WNW	3	N	2–3	NNW	3–4	NW	1–2	NNW	2–3	NW	2	WSW	3	WSW	2–3	SW	3	SW	3	SW	3
11	SSW	6	S	4–7	S	6	S	7	S	7	SW	5	SW	3–5	SSW	4–5	S	5–6	SSW	4	SW	4	SW	4
12	S	4	S	4–5	S	3	S	4	SSW	4–5	SSW	3–4	S	4–5	S	4	W	3–4	W	2–3	WSW	2–3	SW	3
13	NE	1	Var.	0	NE	1	NE	0–1	N	2	N	2	N	1–2	N	2	N	2	N	1–2	N	1	ESE	0
14	E	0	E	0–1	ESE	1	SE	1	SE	1	SE	1–2	SSE	1	SE	2	SE	2	SE	3	SSE	3	SSE	3
15	SE	4	SSE	4–5	SSE	4	S	4	SSE	4	SSE	3–4	SSE	4	SE	4	SE	4	SE	4	SE	3–4	SE	4
16	S	2–3	SSW	2	SW	3	SW	2	SSW	2	SW	1–2	WNW	1–2	NW	1	N	1–2	NE	1	N	2	N	1–2
17	NNE	4	ENE	4–5	NNE	5	NE	5	NNE	2–3	N	2–3	N	3	N	3	N	3	NNE	2–3	NNE	3	NE	3
18	NE	2–3	ENE	3–4	N	1	N	3–5	N	3–4	N	3	N	3–4	N	3–4	NNE	3	NNE	3	N	3–4	N	3–4
19	N	4	N	4	N	3–4	N	4	N	0–1	N	2	N	3	N	3	NNE	3	N	3	N	3	N	2–3
20	N	3–4	NNE	3	N	4–6	N	6	N	2–4	NE	4–5	NNE	3–5	N	3–4	NNE	4–5	NNE	4	NE	2–4	E	3–4
21	N	6–7	N	5–6	N	5	N	3–6	N	3–4	N	3–4	NNE	3–4	N	4	NE	2–3	NNE	3	NNE	4–5	N	4–5
22	N	2–3	N	3	SW	2	N	3	NNE	2–3	NE	3–4	ENE	2–4	SW	2–4	NE	2	NNE	2–3	NNE	2–3	NE	2–3
23	E	0–1	NE	2	NNE	2	N	2	N	2–3	N	2–3	N	1–2	N	1	NE	0	Calm,	0	Calm,	0	SE	0–1
24	NW	2	N	3	NNE	2–4	N	3	N	2	SW	1	N	1–2	N	2	NNE	1–2	Calm,	0	N	2	NNE	2–3
25	N	3–4	NNE	3–4	N	3	N	2–4	NE	2	N	3	NNE	2–3	N	2	NE	2–3	NNE	3	ESE	2	NNE	2–3
26	NE	3	NNE	5	N	4	N	4–6	N	4	N	4	N	4	N	3–4	N	3–4	SE	2–3	NE	3	N	3
27	NE	2–4	NNE	3–4	NE	3–5	ENE	2–4	NE	3–4	Var.	2–4	NW	1–3	N	3–4	N	3–6	WSW	3–5	W	3–5	ENE	4–5
28	NNE	5–6	NNE	3	N	2–3	N	1–2	N	2–3	N	2–3	N	2–3	N	3	N	0–1	N	1	N	0	SW	0–2
29	N	1	N	2	N	3	N	2–3	NE	1–3	NNE	2	N	1–2	N	2	NE	1–2	N	1–2	N	1–2	N	3–4
30	SW	1–2	SSW	2–3	SW	2–3	SSE	3	S	2–3	S	3	SSE	3–4	SSE	3–4	SE	3–4	SE	3	SE	4	SE	4
31																								
Means		3·28		3·60		3·48		3·78		3·37		3·27		3·30		3·27		3·12		2·85		3·00		3·15

Direction and Force of Wind. DECEMBER 1884.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SE	5	SE	5	SE	6	SE	5	SE	3	SE	3–4	SE	3–4	SE	3	SE	3	SE	4	SE	3–4	SE	3–4
2	SE	6	SE	5–6	SE	7	SE	6	SE	5	SE	4–5	SE	5–6	SSE	5–6	SSW	5–6	SSW	5–6	NW	4	NW	4
3	SSE	5	SSE	6	SE	6	SE	6	SE	5	SE	5–6	SE	5	SE	4–5	SSE	4	SW	2–3	WSW	3	W	3
4	NNW	1–2	WNW	3	WSW	3	SW	2–3	SW	2	SSW	1	Calm,	0	N	1	N	2	N	2	N	2–3	N	1–2
5	NNW	1–2	W	2–3	W	3	W	3	W	2	N	2–3	NE	3	NE	3	N	3	NNE	3	N	2–3	NNW	2–3
6	WNW	5–6	NW	3	NW	5	WNW	4	NW	4–5	N	4	NNW	3	NW	4	SW	5	WSW	5	WNW	5	W	4–5
7	NW	4	WNW	4–5	WNW	3–4	WNW	3	NNE	4	W	4	W	3–4	W	5	W	4–5	W	4–5	WSW	4–5	WNW	4
8	SW	4–5	WSW	4	W	3–4	W	3–4	W	2–3	W	3	W	2–3	NW	2	NW	3–4	W	3	NW	4	NW	3
9	W	3–4	WNW	4	W	3–4	W	3–4	NNW	2–3	NW	3	NW	2–3	NW	2–3	NW	3	NW	2	NW	3	WNW	2–3
10	WSW	4–5	SW	5	SW	5	SW	5–6	W	4	W	4–5	SW	4–5	SW	4–5	SW	5	SW	6	WSW	6–7	SW	7–8
11	W	4–5	SW	5	SW	4	WSW	5	NW	4	Var.	4–5	WSW	3–4	W	3–4	NW	4	NW	3	N	3	W	2–3
12	NNE	3–4	ENE	4	NE	2	N	1–2	WNW	3	W	2–3	W	3	W	3–4	WSW	4	SW	5	SW	6–7	SSW	5–6
13	NNW	2	NNE	2–3	WNW	2–3	W	3–4	NW	1	NW	2–3	W	3	W	4	WNW	4	NW	4	W	3	W	3
14	WSW	6–7	WSW	7	SW	7–8	SW	6	SW	6–7	SW	7–8	NW	6	W	4–5	W	5–6	WNW	6	WNW	5	W	5
15	NW	4	W	4	W	5–6	NW	4	W	3–4	W	5	NW	4	NW	3	NW	3	NW	3	WSW	3–4	W	2–3
16	N	2	N	2–3	N	2	NW	3	NW	3	NNW	3	NW	2–3	WNW	3	NW	3	NW	3	W	3–4	W	3
17	NW	1–2	N	1–2	NW	2–3	N	2	NNE	2	N	1–2	N	2	N	2	N	2	NE	2	E	2–3	NE	1–2
18	WNW	3	NW	2	W	3	SW	4–5	SSW	4–5	S	5–6	SW	5–6	W	4	WNW	2–3	WNW	3–4	NW	3	WNW	3
19	WSW	2–3	NW	2	WNW	2–3	W	2	NW	2–3	WNW	3–4	NW	3	NW	3	NW	4	NNW	3–4	W	3	NE	3
20	N	2–3	NNE	3	Var.	1–2	ENE	2–3	NE	2	E	1–2	E	2	E	3	ENE	2–3	ENE	3	NE	3	E	2
21	E	4	E	3	ENE	3	ENE	4	SW	1	ENE	1–2	ENE	2	Var.	1–2	E	1–2	NE	0–1	NE	0–1	N	0–1
22	Calm,	0	SSW	0–1	SW	1–2	WSW	1	WSW	2	WSW	1	SW	2	SW	1	SW	1–2	SW	1	SW	2	SW	2
23	SSW	5	SSW	4	SSW	5	SW	5	SW	3–4	SW	4	SSW	4	SSW	4	SSW	4	SSW	4	SSW	4–5	SW	4–5
24	NNE	4	N	3	N	3	N	3	N	2–3	NNE	2–3	NE	3	NNE	4	NNE	4–5	NNE	4	NNE	3–4	NNE	5
25	ENE	3	ENE	3	NE	2	NE	2–3	NE	3	ENE	3	NE	2–3	N	3–4	NNE	4	NNE	3	N	2–3	N	3
26	N	2	N	3	N	3	N	3	N	3	N	2–3	N	2	N	2	N	2–3	N	3	N	2–3	N	2–3
27	NNW	1	N	1	N	0–1	NNW	1	W	2–3	NW	2–3	NW	2	WNW	3	W	3	WSW	3	SW	3–4	SW	4
28	SW	4	SW	2–3	SW	3	SW	3	SW	3	S	3	S	3	S	3	S	2–3	SSW	3	SSW	3	SW	3–4
29	S	3	SSE	3	SE	3–4	SE	4	SSE	4	SE	4–5	SE	5–6	SE	6	SE	6	SE	5–6	SE	6	SE	6
30	SE	5	SE	4–5	SE	4–5	SE	4	SE	4–5	SE	4–5	SE	3–4	SE	3	SSE	1	SW	1	SW	0–1	SW	1
31	SSE	3	SE	3–4	S	3	S	3–4	SSW	3	SW	4	SW	4	SW	4–5	SW	4–5	SSW	4–5	S	4–5	SSE	5–6
Means		3·45		3·45		3·56		3·55		3·18		3·40		3·26		3·35		3·48		3·42		3·47		3·37

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		MEANS
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	1-2	W	3	W	2	WSW	2	W	1-2	SW	1-2	WSW	0-1	WSW	1-2	SSW	1-2	SSW	1	SW	1	SW	0-1	2·4
2	NNE	2	NW	2	WSW	3	WSW	3	W	2-3	WNW	2	W	2-3	W	3	W	3	SW	3	WSW	3	WSW	3	2·1
3	SW	2	SW	1-2	SSW	3	S	2-3	SSW	2-3	S	2-3	S	3	SE	3	SE	4	SE	6	SSE	7	SE	6-7	3·0
4	SE	8	SE	7-8	S	5-6	S	5	S	4-5	SSE	6-7	SSE	6	S	5-6	SSW	6	SW	5	WSW	5	SW	4-5	6·6
5	SW	3-4	W	3-4	NW	3	W	2-4	W	3-5	SW	2	WNW	3-5	WNW	2-4	WNW	3-5	W	1-4	NW	3-5	WNW	3-5	4·0
6	W	1-2	WNW	3	W	3	WNW	2	WSW	1-2	SW	2	SSW	2	SSE	3	SE	2-3	SE	3	SE	3-4	ESE	4-5	2·7
7	S	3	SW	1-2	NNE	3-5	NE	2-6	ENE	4-5	NE	4-6	N	2-4	Var.	1-4	E	1-4	NNE	2-3	N	1-3	N	1-3	4·6
8	SW	7	SSW	7	SW	7-8	SSW	7	WSW	6-8	WSW	6-8	SW	6-8	SW	4-6	SSW	5-7	SSW	7	S	5-7	SSW	7-8	5·6
9	W	2-4	W	2-4	WNW	3	NW	2-4	NW	2-4	NNW	2-3	NW	3-4	NW	2-4	NW	3-4	W	3-4	W	3-4	WNW	1-3	4·1
10	SW	3	SW	2-3	S	3	S	2-3	S	3	S	4	SSE	4-5	SSE	4	S	2-4	S	6	SSE	6	SSE	6	3·3
11	S	6	SSW	5-6	SSW	4-5	SW	4-5	SW	3	SW	3	S	3-4	SSW	4	SSW	4	S	5	S	4-5	S	3-4	4·7
12	W	2-3	SW	1-3	SW	3	WNW	2	W	2-3	WNW	2-3	W	2-3	N	1	NW	1-2	N	2	ENE	2	NE	2	2·9
13	W	0	NNE	0-1	N	1	NW	0-1	N	2	N	2	NNW	0	NE	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	0·9
14	SE	3-4	SSE	3-4	SE	4	SE	4	SE	4	SE	4-5	SE	4	SE	4	SE	5	SE	5	SE	5-6	SE	5-6	3·0
15	SE	3-4	SE	3-4	SE	4	SE	4	SE	3-4	SE	3-4	SSE	3	SE	3	SE	3	SE	3	SSE	3	S	3	3·6
16	N	2	N	2	SE	1-2	ESE	2	N	1-2	NE	2	W	0-2	N	3	N	3	NE	5	NNE	4-5	NE	4-5	2·2
17	NE	3	NE	2	N	1-2	NE	2-3	NNE	3-4	N	3	N	3-4	NNE	4	NNE	1-3	E	3	ENE	3	NE	2-4	3·1
18	N	4	NNE	3-4	N	3-5	NNE	4	NE	2-3	NNE	3	N	3	NNW	3-5	N	3-4	N	4-5	N	5	N	5	3·5
19	N	3-4	NNE	4-5	N	2-4	N	2-4	N	3-4	NNE	3-4	N	2-3	N	4	N	4	NNE	3	NNE	3-4	N	3-5	3·2
20	N	2-4	N	3	Var.	2	N	2-4	NNE	2-4	SW	1-4	SW	2-3	NW	2-4	NNE	4-5	NW	2-4	NE	5	N	3-5	3·6
21	N	2-4	NE	2-3	N	5-6	N	3-5	NNE	2-3	NNE	2-3	N	2-3	N	3	N	2	N	3	N	2-3	N	3	3·6
22	NE	2-3	NE	2-3	N	3	Var.	1	SSW	1	NE	0-2	NE	1-2	SW	1	ENE	2	E	2	NE	2	E	2	2·2
23	Calm,	0	N	2	N	2	N	2-3	N	3	Var.	0-2	SW	1	SW	1-2	N	3	N	3	N	2	N	3	1·6
24	NNE	2-3	NNE	3	N	3-4	N	4	N	2-3	N	2-3	N	2-3	N	4	N	4	N	4-5	N	4	N	3	2·6
25	N	2-3	N	3	NNE	3	N	2-3	N	2-3	N	1-2	N	2-3	N	3-4	N	3	N	4	N	4	NNE	4-5	2·8
26	N	2-4	N	3	N	2-3	NE	3-4	N	4-5	WNW	2-3	Var.	2-4	N	4	N	3	N	2-4	NE	3	N	2-4	3·4
27	NE	2-4	NE	3	NE	3-4	NE	3	NE	4-5	NE	4-5	NNE	4-6	NE	3	NE	3-5	NE	4-6	NE	4-6	NNE	5	3·8
28	N	3	NNE	2	NE	2	NE	2	N	1-2	SSW	0-2	NE	1-2	N	3	NNE	3-4	N	3	N	3-4	N	2-4	2·3
29	N	3-4	N	2	N	1-3	NNE	2	SE	0-1	SE	1	S	1	S	2	S	1	SSW	2	SW	2	SW	2	1·9
30	SE	4	SE	4	SE	3-4	ESE	4	SE	3-4	SE	4	SE	3-4	SE	5	SE	5	ESE	5-6	ESE	5-6	SE	6	3·8
31																									
MEANS		3·08		3·05		3·20		3·07		2·97		2·87		2·85		3·12		3·23		3·60		3·68		3·65	3·24

DIRECTION AND FORCE OF WIND (0 to 12). DECEMBER 1884.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		MEANS
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	4	SE	5	SE	4-5	SE	4	SE	3-4	SSE	3-4	SE	4	SE	5	SSE	5	SE	5-6	SE	5-6	SE	6	4·3
2	NW	3-4	NW	4	NW	3	N	3	N	0-1	NNW	2	WNW	1	NW	2	W	1-2	SW	3-4	SSW	4	S	4	4·0
3	N	4	N	2-3	W	2-3	Var.	1-2	E	3	N	3-4	SE	1-2	NE	3	E	2	N	2	NNE	2	N	1	3·5
4	N	2-3	N	3	WNW	3	W	2	NNW	2	W	3	W	2-3	N	3	NW	1	W	2	W	1-2	NW	1	2·0
5	WNW	2-3	SW	2	SW	3-4	SW	3-4	SSE	5	SSE	6	SSE	6-7	S	5	SSW	5	SW	5-6	SW	5	WNW	5	3·6
6	WSW	5	WNW	4	WNW	4	SW	5	WNW	4	W	4-5	W	5-6	WNW	5	W	5	WNW	4-5	NW	4	W	4	4·5
7	W	3	W	3	WNW	3-4	W	4-5	W	3	W	4	W	3	W	3	W	3	WNW	3	W	4	WSW	4	3·9
8	NW	4	W	3-4	WNW	2-3	W	3-4	NW	2	NW	3	WNW	2-3	WNW	3-4	NW	2	WNW	2	NW	3	WNW	2-3	3·0
9	W	3	NW	1-2	N	2	NE	2	WSW	2	N	2-3	Var.	1-2	NW	2-3	W	2-3	NW	3	NW	2	WNW	3-4	2·6
10	SW	8	WSW	6	W	4	WNW	2-3	SW	4-5	W	4	W	4-5	NW	4	NW	4-5	NNW	5	W	5	WSW	6	5·0
11	N	3	ENE	4	ENE	5	ENE	6-7	E	4-5	NE	5-6	ENE	6-7	ENE	6	ENE	5	NE	4-5	ENE	4	NE	4-5	4·4
12	WSW	4	W	3-4	SW	5	SW	5	W	4	NW	4	Var.	3	WSW	3	W	2	NW	2	NW	3	NW	2	3·5
13	N	2	NW	1-2	WSW	2	NNW	3	NW	2	W	2	SW	3	SSW	3	S	4	S	5-6	S	5-6	SW	5	3·1
14	NW	5	WNW	4-5	WNW	5-6	NW	6	W	5	NW	6	NNW	4	NW	5	NW	5-6	NNW	6	W	5	WNW	5	5·6
15	W	3	N	2	N	3	NE	3-4	NW	3	NW	3	N	4	N	2	W	2-3	W	2	NNE	2-3	N	2	3·2
16	NW	3	NW	1-2	NW	2-3	NW	1-2	NW	2	NW	3	WNW	2-3	NW	2	NW	1-2	NW	2-3	NW	1	NW	2	2·4
17	NNE	2-3	NE	3	N	4	NNE	4	NE	4-5	NE	4	NE	3-4	NE	5	NE	2	NNE	2-3	NE	2	N	2	2·6
18	NNW	2	NNW	2-3	NW	2-3	WNW	3	WNW	2	NW	2-3	NW	2-3	N	2	NW	1-2	WNW	2	NW	1-2	W	2-3	2·9
19	E	4	ESE	4	NE	5-4	NE	1	NE	2-3	SE	3	Var.	2-3	NW	1-2	N	1	N	2	N	2	N	1	2·7
20	NE	2	ENE	3	ENE	4	ENE	4	ENE	3	ENE	3	ENE	3	ENE	4	ENE	4	ENE	5	ENE	4	ENE	3-4	3·0
21	N	2	NE	1	NNE	1	N	2-3	N	1	N	1-2	N	1	N	2	NNE	1-2	N	1	Calm,	0	Calm,	0	1·6
22	SW	2-3	SSW	3	SSW	3-4	SW	3-4	SW	3-4	SW	3-4	SW	3	SSW	5	SSW	4	SW	4-5	SSW	5	SW	4-5	2·5
23	SSW	4-5	SW	4	SW	4	SW	4	SW	4-5	SW	4-5	W	3	WSW	4	W	3	WNW	4-5	NW	3-4	N	5	4·2
24	N	4	ENE	4	ENE	4	ENE	3-4	NE	4	NE	4	E	2-3	E	3	E	3-4	ENE	3	E	3	NE	3-4	3·5
25	NNE	2	E	2-3	N	3	N	3	N	3-4	N	2	N	2	NNE	2-3	N	2-3	N	0-1	NNW	1-2	NW	2	2·6
26	N	3	N	3	N	2	N	2	N	2	N	2	N	2-3	N	2	N	1-2	N	0-1	NW	3	NW	2	2·4
27	SW	4	SW	3-4	SW	4	SW	3	SW	4	SW	2-3	SW	3	SW	3	SW	3-4	SW	3	SW	3-4	WSW	3-4	2·8
28	SW	3	SW	3	S	3	S	3	S	4	SSE	4	SSE	4	S	4	S	4	S	3	S	3	S	3	3·2
29	SE	6	SE	5	SE	5	SE	4-5	SE	5-6	SE	5-6	SE	5	SE	5-6	SE	5	SE	5-6	SE	5	SE	5	5·0
30	S	0-1	S	0-1	S	1	SE	1	SE	1	SSW	1	S	1-2	SE	2-3	SE	3	SSE	3	SSE	4	SSE	4	2·5
31	S	5-6	S	5-6	S	6-7	S	6-7	S	5-6	S	4-5	SW	4	SSW	4	SSW	4	SW	4-5	SSW	4	SSW	5	4·5
MEANS		3·45		3·19		3·50		3·40		3·24		3·45		3·18		3·45		3·10		3·32		3·29		3·35	3·37

Direction and Force of Wind (0 to 12). JANUARY 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SW	4	S	6	S	6	SE	7	SSE	4-5	S	6	S	5-6	S	6-7	S	7	S	7-8	S	7	SE	6
2	S	6	S	6	SSE	5-6	SSE	6	SE	5	SE	5-6	SE	5-6	SE	7-8	SSE	7-8	SSE	8	SE	8	SSE	8
3	SE	5-6	SE	6	SE	5	SSE	5-6	SE	4	SSE	4	SSE	3-4	SE	4	SE	4	SE	4	SSE	3-4	S	3-4
4	SW	3	SW	4	SW	3	SW	3-4	SSW	4	SSW	4-5	SSW	4-5	SW	5	SSW	5	SW	5	SW	6-7	SW	7
5	SW	7	SW	7	WSW	6-7	NW	3	NE	3	NNW	3	N	2	NW	1-2	NNW	2	WNW	2	WNW	2-3	NW	3
6	W	6-7	SW	7	SSW	7	SW	7	WSW	4-5	W	5-6	NW	5	NW	5	NW	5	NW	5	NNW	4	NW	4-5
7	NW	2	NW	2-3	N	2-3	W	2	NW	2	NW	2-3	NW	3	NW	3	NW	3	W	3	NW	4	SW	4-5
8	SSW	7-8	SW	8	SSW	8	SW	8	SSW	7-8	SW	7	NW	1-2	NW	1-2	NW	2	WNW		W	3	W	4
9	WNW	3	WNW	2	W	2	W	3	WSW	3-4	W	3	W	3	WNW	3	W	3	W	3	W	3	WNW	3
10	NW	2-3	WSW	3	SW	3-4	SSW	4	S	4-5	SSE	4-5	SSE	4	SSW	4-5	WSW	3	WNW	2-3	WNW	3	W	3
11	NE	5	ENE	5	ENE	6	NE	7	NE	6	NE	7-8	NE	8-9	NE	9	NE	8	NE	6	NE	5-6	NE	5
12	ENE	6	E	6	NE	6	ENE	4-5	ENE	4	ENE	4-5	NE	4	ENE	5	ENE	5-6	NE	5	NE	4-5	ENE	4
13	ENE	6	NE	5-6	NNE	5-6	NNE	4	NE	1-2	NNE	3-4	N	3	NNW	2-3	NNE	3	NNE	3-4	NNE	3	NNE	2
14	NE	5	NE	5	NE	5	NNE	4	N	4	N	4	N	4	NNE	4-5	N	3	NE	2-3	NE	3	E	2
15	N	1	NNE	1	N	1	N	0-1	N	1	NNE	0-1	N	0-1	NE	0-1	NE	0	Calm,	0	N	0-1	N	1
16	NNE	3	NNE	3	NE	2-3	NNE	2-3	NNE	2-3	N	2-3	N	3	NNE	3	NE	2-3	NNE	2-3	ENE	2-3	NE	3
17	SE	4	ESE	5	ESE	6	ESE	5-6	SE	5-6	SE	6-7	SE	5	SE	6	SE	5	ESE	5-6	SE	6	SE	6-7
18	SE	6-7	SE	6	SE	6	SE	6	SE	5	SE	6	SE	6	SE	5-6	SE	6-7	SE	6	SE	6-7	SE	6-7
19	SE	5	SE	6	SE	5	SE	2-3	SSE	2-3	S	3	W	1-2	W	2-3	SW	2	SW	2	SW	2	SW	2-3
20	SSW	2	SW	3	S	3	S	3	SSW	3	SSW	3	SSW	2-3	S	3	S	3	S	3	S	3	S	3
21	SSW	1	Calm,	0	S	0-1	SE	2	SE	2	SE	2	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	3
22	SE	6	SE	5-6	SE	5	SSE	5	SE	4	S	5	S	4	S	4	S	4-5	S	3-4	SSE	3-4	S	4-5
23	SSW	3	S	3	S	3	S	4	S	4	S	4-5	S	4	S	4	S	4-5	S	4-5	S	4	S	4
24	SE	4	SSE	4	SSE	5	SE	4-5	S	4-5	S	5	S	5	S	4-5	S	4-5	SSE	5-6	S	5	S	4
25	SSW	4	S	3-4	S	4	SSW	4	S	4	SSW	4	S	5	SSE	5-6	SSE	6	SE	6-7	SSE	6-7	S	5-6
26	SSW	5	SW	5	SSW	4-5	SSW	4-5	SSW	4-5	SSW	4	SSW	3	SW	3	SW	3-4	SW	3	S	3	SSW	3-4
27	SSW	1-2	S	2	S	3	SSE	3	SSW	3	SSE	4	SSE	4	SSE	4	SE	4	SSE	3	SSE	3	SSE	3-4
28	WNW	1	WSW	1-2	S	2	SSE	3	SE	4	SE	4-5	SE	6	SE	7-8	SE	8	SE	9	SE	9-10	SE	7
29	SW	3	SSW	3	SSW	3	SSW	3	SW	3	SSW	3	SW	3-4	S	3-4	SSW	3	S	4-5	SE	5-6	SE	5
30	SSE	7	SE	5	S	5	SSE	5-6	S	4-5	S	5	S	5	S	4-5	S	5	S	5-6	S	5	S	5-6
31	SSE	7	S	4-5	S	5	S	6	S	5	S	5-6	S	5-6	S	5-6	S	6	SSE	7-8	S	7	S	6-7
Means		4·29		4·32		4·35		4·29		3·87		4·29		3·97		4·26		4·26		4·31		4·37		4·32

Direction and Force of Wind (0 to 12). FEBRUARY 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	W	5	WNW	3	WNW	2-3	W	2	W	4	NW	3-4	NW	4	NW	3	W	3-4	SW	4-5	SW	4-5	SW	4
2	SW	4-5	W	3	SSW	4	SSW	3-4	S	3-4	SSE	4-5	SSE	5	SSE	4	S	3-4	S	4	SE	5-6	SE	5
3	S	4	SSW	2-3	SW	4	S	3	S	4	SW	3-4	W	3-4	N	3	E	1	E	2-3	N	1-2	Calm,	0
4	S	3	S	3	S	3-4	SW	2	S	3	S	3	S	3	SSE	3-4	S	3	SSE	3	SE	4	SE	5
5	SE	4	SE	4	SE	2	Calm,	0	E	0-1	E	1	E	1-2	NE	1	E	3	NE	3	NE	3-4	NE	3-4
6	NW	4	NW	2	WNW	2-3	W	2-3	SW	2-3	S	3	S	3	S	4	S	5-6	SE	6-7	S	7	S	6-7
7	W	2	N	2-3	NE	1	WNW	2-3	WSW	4	W	3-4	W	3-4	WSW	4	WSW	4	SSW	3	W	3	SSW	4-5
8	W	4	WSW	3-4	SW	4	S	5	S	5-6	SSE	7-8	SSE	7	SSE	7	SSE	7-8	S	7	S	7	S	6-7
9	ENE	3-4	E	3	NE	2-3	NE	3-4	S	2	SSW	3	NNW	2	NW	2-3	W	2-3	NW	2	NNE	2-3	NE	3
10	NE	1	N	1	NE	1-2	NE	1-2	NE	2	N	1-2	N	2	WNW	2	WNW	2	W	3	WSW	2-3	SW	3
11	W	6	W	7	W	5	W	6-7	WNW	4	NW	3-4	W	3	NNE	2-3	N	2-3	N	3	N	2-3	NW	3-4
12	W	5-6	W	5	W	6	W	6-7	SW	5-6	WSW	4-5	SW	4-5	WSW	5	W	5	W	5	W	6-7	W	4-5
13	WNW	2	W	2	W	2	W	3	WNW	2-3	W	3-4	W	3	SW	3	SW	3	SW	3	SW	3	W	3
14	ENE	3	NE	1-2	NE	2	ENE	3	ENE	3	NE	3	NE	2-3	NE	1-2	NE	1-2	E	1-2	ENE	2-3	NE	2-3
15	SW	2	SW	2-3	SW	3	SW	3	SW	3	SW	3-4	SW	3-4	SSW	3	SSW	3	SSW	3-4	SW	3-4	SW	1-2
16	N	1	ENE	1-2	NE	1	NE	1-2	ESE	1	NE	1-2	N	1	N	1-2	N	1-2	Calm,	0	E	0-1	SSE	0
17	NNE	2	N	2	N	2	N	2	N	2	N	2	NNE	2-3	NE	2-3	N	2-3	N	2	N	1-2	W	1
18	E	0	E	1	E	1-2	NNE	2	NNE	1-2	NE	1-2	ENE	2	E	1-2	N	2	NE	1-2	E	1-2	ENE	1
19	NNE	2-3	E	1	NE	1	Var.	1	N	1	Var.	1-2	NW	1-2	WSW	2-3	N	1-2	NE	2-3	NW	1-2	N	1-2
20	SE	3	SE	3	SSE	3	SE	3	SSE	3	SSE	3-4	SSE	4	SE	4	SE	4	SE	3-4	SE	4	SSE	3-4
21	S	4-5	S	4-5	S	5	SW	4-5	S	4	S	5	S	5	S	5	SSE	7-8	S	7-8	S	9	S	8-9
22	S	10	S	10-11	S	10	S	10-11	S	9	S	9	SSW	8-9	SW	8	SW	9	W	7-8	W	7	W	5-6
23	NW	5	NNW	4	NNW	5-6	NW	6	W	5	SSW	5-6	SW	5	SW	6	SSW	6-7	SSW	7-8	W	6	W	5
24	WSW	6-7	WSW	6	SW	6-7	SW	6-7	SW	6	SW	6	SW	6	SW	5	SW	6	SW	5	WSW	5-6	SW	5-6
25	W	6	W	7	W	6	NW	4-5	NW	4	NW	4	NW	4	WNW	3	W	4	WNW	3-4	W	3-4	WSW	3-4
26	S	4-5	S	4-5	S	6	S	6-7	SSE	7	SSE	8-9	SSE	9-10	S	9-10	S	9	S	9	SW	8	SW	6
27	SW	6	SW	6-7	SW	5	SW	6	WSW	4	SW	4-5	SW	4	SW	4-5	SW	4	SW	3	S	4	SW	3-4
28	NNE	3-4	NE	3	NE	3-4	ENE	3	NE	3	NE	3	NNE	3	NE	3-4	NNE	3-4	NE	3-4	NNE	3-4	NNE	3-4
29																								
30																								
31																								
Means		3·85		3·58		3·62		3·73		3·56		3·84		3·82		3·77		3·98		3·92		4·09		3·71

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	7-8	SSE	6	SE	6	SE	5-6	SE	6-7	SSE	7-8	SSE	7-8	SE	7	SSE	7	SSE	7	SSE	7	SSE	6	6·4
2	SE	6-7	SE	6-7	SE	7	SE	7	SE	7	SE	8	SE	7-8	SE	7	SE	7	SE	7	SE	6	SE	7	6·8
3	S	3	S	1-2	SW	2	SW	3	S	3	S	3	SSW	3	SSW	3	S	2-3	SSW	3	SW	3-4	SW	2-3	3·6
4	SW	6	SW	4	SW	4	SW	4-5	SW	5	WSW	5-6	SW	6	SW	5	SW	6	SW	5-6	SW	6	SW	7	5·0
5	NW	4	NW	3	W	2-3	WNW	3-4	W	2-3	W	2	W	3	WNW	3	WNW	3-4	W	4	SW	5	SW	5-6	3·5
6	N	5	W	5	NW	5	NW	4-5	NNE	3	N	2	W	1-2	NNW	2-3	N	3	SW	3	NW	2-3	NW	3	4·4
7	W	4	WSW	4-5	W	5	SW	5-6	WSW	4	W	6	W	6	WSW	6-7	SW	7	SSW	7-8	SW	7-8	SSW	7	4·4
8	W	3-4	SW	4	SW	3-4	SSW	4	W	3	W	2-3	W	3-4	WSW	3-4	SW	3-4	W	3	WSW	3	W	2	4·1
9	W	1-2	NW	2-3	NNW	2-3	W	2	NW	2-3	NW	2	N	1-2	NW	1	NW	2-3	NW	2-3	WNW	3	NW	3	2·5
10	WNW	3-4	NW	3-4	NW	4	NW	3-4	NW	3-4	W	3	W	3-4	SSW	4-5	N	0	NE	1-2	NE	3-4	NE	4	3·3
11	NE	5-6	NNE	6	NE	6	NE	6-7	NE	7	NE	8	NE	5	NE	6	NE	5-6	NE	4	ENE	5-6	NE	5	6·2
12	NE	4	NE	4	NE	4-5	NE	3	ENE	4-5	ENE	4	ENE	4	ENE	3	NE	6	NE	6	NE	5	NNE	4	4·6
13	NE	2	NNE	4	NNE	5	ENE	5	NNE	3-4	NNE	5	N	6	NNE	5	NE	6	NNE	6-7	NNE	5	NE	6	4·2
14	ESE	2	NE	2	NE	1-2	ESE	3	SE	2-3	SE	3-4	SE	3	SE	3	SE	3-4	NE	0-1	E	0	NE	1	3·0
15	N	0-1	N	0-1	NNE	1	N	2	N	1	N	2	N	2-3	N	2-3	NE	3	NNE	3	NNE	2-3	NE	2-3	1·3
16	NE	2-3	SSE	3	SE	3	ESE	3-4	SE	4	ESE	3-4	SE	4-5	ESE	6	ESE	5-6	E	6	ESE	6	E	6-7	3·6
17	SE	6	SE	7	ESE	7	SE	6-7	SE	7-8	SE	7	SE	7-8	ESE	7	SE	7-8	SE	6	ESE	6	SE	6	6·1
18	SE	7	SE	7-8	SE	7-8	SE	6-7	SE	6	SE	6-7	SE	6	SE	6	SE	6	SE	6	SE	5-6	SE	5-6	6·2
19	WSW	2-3	W	3	N	3	NW	2-3	N	1	NW	1-2	N	0	WSW	1	WSW	0-1	SW	0-1	SSW	1	SSW	1	2·2
20	S	2-3	SSW	2	SW	2	SW	1	WNW	0	Calm,	0	SW	0-1	S	1	S	1-2	S	2	S	0-1	S	0	2·0
21	SE	4	SE	4	SE	4	SE	4	SE	4-5	SE	5	SE	4-5	SE	5	SE	6	SE	6	SE	5-6	SE	6	3·5
22	S	4-5	SSE	5	S	3-4	S	4-5	S	5	S	4-5	SSW	4	S	4	S	4	SSW	3-4	SSW	3-4	SSW	4	4·4
23	S	4	S	3-4	S	3	S	4	S	4-5	S	4	S	5-6	S	3	S	4	S	3-4	SE	4	SE	3-4	3·9
24	SSE	4-5	SE	4	SSE	4-5	S	4	S	3-4	S	3	S	4	SE	4	SSE	3	SSE	3	SSW	3	S	3	4·1
25	S	5-6	S	4	S	5	SSE	5-6	S	5-6	S	5-6	S	6	S	5-6	S	7	S	6-7	S	6	S	5-6	5·2
26	S	4	S	3-4	SSW	3-4	SSW	3-4	WSW	3	SW	3	SW	3-4	S	4	SW	3	SW	3	SSW	2	SW	2	3·5
27	SSE	3-4	SE	3	SE	2	SE	0-1	E	0-1	W	0-1	NW	0	W	1	W	0-1	NW	2	WNW	1	NW	1	2·2
28	SE	8	SE	7	SE	4	SSE	3	S	3	S	3-4	SW	3	WSW	2	SW	2	SW	3-4	SW	2	W	2-3	4·4
29	SE	6	SSW	5-6	S	4	SW	3-4	WSW	4	SW	4-5	SW	3	SW	4-5	SW	4-5	S	4-5	SSE	4	SSE	5	4·0
30	S	5-6	S	5	SW	5	SW	5	SW	4	SSW	5	SSW	5	SSW	5	S	5	SSE	5	S	6	SSE	6	5·2
31	SSE	8	SE	7-8	SE	7-8	SE	8	SE	7	SE	7-8	SE	6-7	S	4	SSW	3	SW	3-4	SW	3-4	WSW	3-4	5·9
MEANS		4·40		4·24		4·13		4·13		3·89		4·15		4·10		4·05		4·16		4·15		4·02		4·08	4·18

DIRECTION AND FORCE OF WIND (0 to 12). FEBRUARY 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	4	SW	3-4	W	3	W	4	W	3	WSW	3-4	SW	4	SW	4	WSW	3-4	SW	2-3	SW	3-4	W	3	3·5
2	SE	7	SE	6-7	SE	6-7	SE	6	SSE	6	SSE	5	S	6-7	WSW	3	SSW	3	S	4-5	S	3-4	S	5	4·7
3	W	1-2	W	3	NW	2-3	W	2-3	WNW	2-3	W	2-3	SW	3	SW	2-3	SW	4	SSW	3-4	S	3	S	3	2·8
4	SE	5-6	SE	5	SE	6	SE	4-5	SE	5	SE	4-5	SE	4-5	SE	5	SE	5-6	SE	5	SE	5	SE	5-6	4·2
5	N	3	E	1-2	NE	2-3	NE	2-3	ENE	3	NE	3	NNE	2-3	NE	1	NE	1	NNE	1	NE	1	NNW	2	2·1
6	SSE	7	SE	7	S	6	S	4-5	SE	4	SSE	6	SSE	6-7	SSE	6	S	7	S	5-6	S	4	S	3-4	4·8
7	SW	3-4	WSW	3-4	W	3	W	3	W	4	W	4	NW	4-5	NW	5	NW	2	NW	2-3	WNW	3	W	3	3·3
8	S	5-6	SW	6-7	SW	4	WNW	2-3	NNW	2-3	NE	3	ESE	4	E	3	E	3-4	E	3	E	3	ENE	2-3	4·8
9	N	3	NE	1-2	N	1	NE	1-2	E	2-3	ESE	2	E	3	Var.	1	NW	3	NE	2-3	N	2	NE	1-2	2·4
10	S	4	S	5	S	6	S	6	S	6	S	5	S	5	S	6	S	6	SW	6-7	SW	6-7	W	6	3·8
11	NNW	3	NW	1-2	NW	2-3	NW	3	SW	3	W	3	SW	3	SW	4-5	SW	6	SW	6	WSW	6-7	W	5	4·0
12	W	5	W	5-6	WNW	4-5	NW	6	W	3	WNW	2-3	WNW	2-3	NW	2	NW	1-2	NW	1-2	NW	1	WNW	1-2	4·2
13	NW	3	W	4	W	4	W	5	WNW	3	NW	3	NW	2	NW	1-2	NW	2	NW	1	NE	3	E	3	2·8
14	NE	2	ENE	2	NE	1	NE	0-1	ENE	1-2	Calm,	0	SW	1	SSW	2	SW	2	SW	2-3	SW	2	WSW	2	1·8
15	WSW	2	NW	1-2	N	1	NW	2	NW	2	WNW	1-2	NW	1	N	1	N	1	Var.	0	N	1	N	1-2	2·1
16	Calm,	0	Calm,	0	W	1	W	0-1	NW	1	WNW	1	NW	1	NW	0-1	NNW	1-2	N	1	N	1-2	N	2	1·0
17	WNW	1	W	1-2	WNW	1	WSW	2	SW	3	SW	3	SW	2-3	SW	2	SSW	2	S	3	S	1-2	Calm,	0	1·9
18	Var.	0-1	E	1-2	ENE	2-3	NE	3	E	3	ENE	3	NE	1-2	NE	2-3	NE	2-3	NE	2	NE	2	NE	2-3	1·8
19	Var.	0-1	N	1	N	0-1	N	0	SSE	0-1	ESE	1	SE	2	ESE	3	SE	3	SE	3	ESE	3	SE	2-3	1·6
20	SE	3-4	SE	3-4	SSE	3-4	SE	4	SSE	3	SSE	3-4	SSE	3-4	SSE	4	S	4	S	5	S	4-5	S	4-5	3·7
21	S	9-10	S	9	S	9-10	S	10	S	10	S	10-11	SSE	10-11	S	10	S	10-11	S	10-11	S	11	S	11	8·0
22	WNW	6	WNW	6	WNW	5-6	NW	5	NW	6	NW	5-6	NW	5	NW	6	NW	4-5	WNW	5-6	NW	6-7	NW	6	7·2
23	WSW	4	WNW	5	WSW	5	WSW	4-5	WSW	4	SW	4	SW	4	SSW	3	SSW	4-5	S	5-6	S	7	SW	6-7	5·1
24	SW	5	SW	6	SW	5	SW	5	SW	5-6	SW	5	SW	6-7	WSW	7	SW	6-7	SW	6	WSW	7-8	WSW	7	5·9
25	SW	4	SW	3-4	WSW	3-4	WSW	2-3	WSW	3-4	SSW	3	WSW	3-4	WSW	3-4	WSW	4	WSW	3	SW	3-4	S	3-4	3·9
26	SW	6-7	SW	6	SW	7	SSW	6	SSW	5	S	5-6	S	7	SW	6-7	SW	6	SW	5-6	SW	6-7	S	6-7	6·8
27	S	4	SW	4	SW	3	SSW	4	SW	3	SW	3	SW	2-3	SW	3	SW	3	W	2-3	NW	3	NE	3-4	3·9
28	NE	3	NE	3-4	NE	3-4	NNE	3	NNE	3-4	N	3	NE	3	NE	2	ENE	3	NE	1-2	NE	1	NE	1	2·9
29																									
30																									
31																									
MEANS		3·80		3·85		3·71		3·68		3·64		3·56		3·77		3·59		3·79		3·62		3·80		3·73	3·75

Direction and Force of Wind (0 to 12). MARCH 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NE	1	NE	2	NNE	2	N	1	E	1-2	ENE	2	E	2-3	E	2	SE	3	SE	3	SE	3-4	SE	3-4
2	SE	5	SE	5	SSE	5-6	SE	5	SSE	5	SE	4-5	SE	4-5	SE	4-5	SE	5	SE	4-5	SSE	4-5	SE	5
3	SE	5-6	SSE	5	SE	5-6	SE	5	SE	5	SE	5-6	SSE	5-6	SE	5	SE	4-5	SE	5-6	SE	6	SE	5-6
4	SE	7	SE	7	SE	6-7	SE	6-7	SE	6-7	SE	6	SE	5-6	ESE	4	ESE	4	SE	4	E	3	ESE	3-4
5	NNE	5-6	NE	5	NNE	5	NE	5-6	NE	5	NE	5	N	4	NE	3-4	NNE	3	NE	3	ENE	2-3	E	3
6	NNE	3-4	NE	3	N	4-5	N	4	NNE	7-8	NE	6	NE	5-6	NE	5	NE	4-5	NE	4	NE	3	NE	3-4
7	N	3	N	4	NNE	2-3	NNE	3	N	2-3	N	3	NNE	3	N	2-3	NE	3	NW	2-3	NE	2	NE	2-3
8	NE	3	NE	2	ENE	2-3	NE	3-4	N	2-3	NE	2-3	NNE	2-3	E	2	E	1	NE	1	Var.	0-1	NW	0-1
9	NE	2	N	2	N	3	N	3	NNE	2	N	2-3	N	2-3	NE	3	N	3	NNE	3	N	3	N	2-3
10	NE	2-3	ENE	2	NE	3	ENE	2	NE	2	N	2-3	NE	2-3	NE	2-3	N	2-3	NE	2-3	NE	2-3	SE	0-1
11	ENE	1-2	Var.	1	N	1	NW	2	NE	0-1	NW	2	E	1-2	N	2	NNW	1-2	N	2	N	2-3	N	2
12	NE	2	N	1-2	NNE	1	NNE	1	E	1-2	N	2	NNE	2	ENE	2	ENE	2	E	2	NE	2-3	ENE	2
13	NE	0-1	E	0-1	NE	0-1	E	0-1	N	0-1	Calm,	0	Calm,	0	SE	0	Calm,	0	SSE	0-1	S	0	SW	0-1
14	NW	3	NW	0-1	N	0	NW	2-3	NW	1-2	NNW	2-3	NNW	2	NW	1	NW	1	SSW	0	SSW	2	W	2
15	NW	2	NW	2	WNW	3-4	NW	3-4	NW	2	WSW	3	W	2-3	W	2	W	2-3	W	3	WSW	3	W	2-3
16	Var.	1-2	ESE	2	N	3	Var.	2	WNW	3	NW	3	SW	3	NW	2	NW	3	N	3	Var.	2	E	3
17	NW	4	NNW	4	NNW	5-6	NW	5-6	NW	3	NW	3-4	NW	3-4	NW	4	W	2-3	WNW	3	NW	3	NW	4
18	NE	3-4	N	3	NE	3-4	NE	3-4	NE	6	NE	5-6	NE	5	NE	5	N	3	E	4	ENE	4	NE	4
19	NE	2	NE	3-4	ENE	3-4	ENE	3	NE	3	NE	3	NE	2-3	ENE	1-2	NE	2-3	N	2-3	NNW	2-3	NW	2-3
20	N	2	N	2	NE	2	NE	2	NNW	2-3	NW	3	WSW	3	Var.	3	N	4	E	4-5	ENE	5	NE	4-5
21	NNE	6	NE	5	NE	4	NE	6	NE	4	NE	3-4	NE	4	NE	4-5	NE	5-6	NE	5	ENE	5-6	NE	3-4
22	NE	2-3	NE	2	NE	2	NE	2-3	E	1-2	ENE	2	E	2	SW	0	ENE	2	NE	2-3	ENE	2	NE	1-2
23	N	0-1	NNW	1	N	1	NNW	2	NNW	2	N	2	NW	2	NW	1-2	W	1	SW	2	SW	2-3	SW	2-3
24	SW	5	SSW	6	SW	5	SSW	5-6	SSW	4-5	SSW	4-5	S	4-5	S	4-5	S	4	SW	4	SW	4	WSW	4
25	NW	2	W	2	W	2-3	W	2-3	WSW	2-3	SW	3	SW	4	SW	4-5	SW	4-5	SW	5	SSW	5-6	SW	4-5
26	N	1-2	NW	2	W	3	WSW	3	SW	4	SW	3-4	SW	3-4	SW	4	SSW	4	SSW	4-5	S	4	SSW	5
27	NE	3	ENE	3	NE	5-6	NE	5	E	3	NE	3-4	ENE	4	NE	6	NE	4	NE	5	NE	4	NE	4
28	W	1-2	NW	1-2	N	1	N	2	NW	2-3	W	3	W	3	W	3-4	W	3-4	WSW	3-4	SSW	3	SW	3
29	S	5	S	6	SW	6	SW	6	SSW	5-6	SW	4	WSW	1	NNW	1	E	2-3	E	2-3	E	2-3	E	2-3
30	ENE	3	ENE	3	NE	3	ENE	2	E	3	ENE	2-3	ENE	2-3	ENE	2-3	ENE	2-3	Var.	1-2	NW	0-1	WSW	0-1
31	SW	3	SW	3	SW	3-4	SW	4-5	SW	3-4	SW	4	SW	4-5	SW	5-6	SW	6	SW	6	W	5	W	5-6
Means		3·00		2·95		3·23		3·39		3·20		3·31		3·16		3·03		3·06		3·20		3·08		3·02

Direction and Force of Wind (0 to 12). APRIL 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NW	2	NE	1-2	E	3	E	2-3	NE	2	NE	2-3	E	2	NE	3	NE	2-3	NNE	1	Var.	1	NNE	2-3
2	NW	2	N	1-2	NE	1-2	N	1-2	Var.	2	NW	1-2	SE	1-2	SSE	2-3	SSE	3	SW	2-3	SE	2	Var.	1-2
3	NW	2-3	N	2	NW	0-1	N	2	NW	2-3	W	2-3	W	2-3	WNW	3	WNW	2	W	2-4	W	2-3	WSW	3
4	SW	3-4	SW	5	SSW	5	SSW	4-5	S	3-4	S	3-4	S	3	S	3-4	SSW	4	S	4-5	S	4-5	S	3
5	S	5-6	S	5	S	5-6	S	5-6	S	5-6	S	5	S	6	SSE	6-7	SSE	6-7	SE	6-7	SE	5-6	SE	5
6	SE	8-9	SE	8-9	SE	8	SE	7-8	SE	8	SE	7	SE	7-8	SE	7-8	SE	6-7	SE	6-7	SE	6-7	SE	7
7	SE	4-5	SE	5-6	SE	5-6	SE	6	SE	6-7	SE	6	SE	6	SE	5-6	ESE	5	SE	4-5	SE	4	SE	3-4
8	E	2	ENE	2	NE	2	NE	2	E	2	ENE	2-3	E	2	E	2	E	1-2	ENE	1	NE	1-2	NE	0-1
9	N	3-4	NE	3	ENE	2	NE	2-3	NE	2	ENE	2-3	ENE	2-3	NE	2-3	NNE	2-3	NNE	2-3	NNE	2-3	NE	3
10	N	3	N	3	ENE	3	N	3	NE	1-2	NE	2	NE	2	ENE	2-3	NE	2-3	E	3	NE	2-3	E	1-2
11	ENE	3	ENE	2-3	E	3-4	ENE	4	NE	3	NE	4	E	3	E	3	N	3-4	ENE	4	NE	4	E	2
12	ESE	2-3	ESE	3	ESE	3	SE	2-3	SE	3	ESE	3	E	2-3	ESE	2	SE	1	SE	1-2	SE	1-2	ESE	2-3
13	S	0	SSE	0-1	E	0	Calm,	0	Calm,	0	SE	0	Calm,	0	N	0	Calm,	0	Calm,	0	Calm,	0	SE	0-1
14	N	0-1	N	0-1	N	1	N	0-1	E	0-1	NE	0-1	NW	0-1	N	0-1	N	0-1	NE	0-1	Calm,	0	Calm,	[0
15	S	1	SSW	1	SW	1	WNW	0-1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	NE	0-1	N	0-1	Calm,	0	N	0
16	NE	0-1	ENE	1	ENE	1-2	NE	2	NE	1-2	N	1-2	N	2	N	2	N	1-2	Var.	0-1	ENE	1	N	1
17	N	1	NNE	0-1	NNE	0-1	ESE	1-2	SE	1-2	SE	2-3	S	2-3	S	2-3	S	2-3	SSW	3	S	3	S	3
18	SW	3	WSW	3	SW	3	SW	3-4	WSW	3-4	WSW	3	WSW	3	SW	3	WSW	3	WSW	3	WSW	2-3	SW	3
19	WSW	5	WSW	5	WSW	4-5	W	5	W	4-5	WSW	4-5	WSW	4-5	WSW	4	SW	4	W	4	W	4	W	3-4
20	WNW	5-6	W	5	W	5-6	WNW	5	WSW	3	NNW	3	W	2	NW	2-3	NW	2	WNW	3	W	3	SW	3
21	W	4-5	W	4-5	W	4-5	WSW	4-5	SW	4	WSW	4	WNW	3	WNW	2-3	WNW	3	WSW	3-4	W	4	W	4-5
22	WSW	2	W	1-2	W	2-3	W	3	W	3	W	2	W	1-2	W	3	WSW	3	WSW	2	SW	2-3	SW	2
23	Calm,	0	Var.	0	NE	0	ENE	1	N	0-1	N	1	N	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0
24	S	2	SSW	2-3	SSW	4-5	S	5	SSE	5	SSE	6	SE	6	SE	6-7	SE	7	SE	7	SE	7	SE	7-8
25	S	8	S	8	S	7-8	SSE	7-8	SE	6-7	SE	7	SE	8	SE	7-8	SSE	7	SE	6	SE	6	SE	6
26	SW	2-3	SW	3-4	S	3-4	SSW	3-4	SSE	4	S	4	S	4	S	3-4	S	1-2	SSW	2-3	SW	3	S	3-4
27	SW	2-3	SW	3	WSW	3-4	SW	4	SSW	4-5	SSW	4	S	4	SW	4-5	SSW	4	SW	3-4	SW	3-4	SW	3
28	S	6-7	S	6-7	S	6-7	S	6	S	5	SSE	6	SE	6	SE	5-6	SE	6-7	SE	6	ESE	6	SE	7
29	S	4	S	3	S	3-4	S	3-4	SE	4-5	SE	4-5	SE	4	SE	3-4	SE	4	SE	3-4	SSE	3	S	3-4
30	WSW	2	SW	2	SW	2-3	SW	2	SW	3-4	SW	3	WSW	2-3	SW	3	S	3	S	3	S	3	S	2
31																								
Means		3·10		3·12		3·60		3·38		3·22		3·28		3·13		3·25		3·12		3·05		2·98		2·93

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	3–4	SE	4	SE	4	SE	3–4	SE	3–4	SE	3	SE	4	SE	5	SE	5	SE	4–5	SE	4–5	SE	4–5	3·2
2	SE	5	SE	4	SE	4	SE	3–4	SE	4–5	SE	4–5	SE	5	SE	4	SE	5	SE	4–5	SE	6	SSE	5	4·7
3	SE	5–6	SE	5–6	SE	6	SE	6	SE	6	SE	6	SE	6–7	SE	7–8	SE	8	SE	7–8	SE	8	SE	7–8	6·0
4	ESE	3	E	2–3	ENE	2	NE	3	ENE	2–3	NE	2–3	NE	2–3	NNE	3	NE	3–4	NE	3–4	NE	3–4	NE	4	4·1
5	E	2–3	E	2–3	ENE	2–3	NE	2	Var.	0–1	NNE	3	ENE	2–3	NNE	1–2	NNE	1–2	NNE	1–2	NE	1–2	NNE	3	3·1
6	NNE	3	N	3	NE	2–3	N	0–1	Var.	0–1	E	1	E	2	N	1	NNE	1–2	NE	2	NNE	2	NNE	3	3·2
7	N	2–3	N	1	NE	2–3	N	3	NE	3	SE	2–3	NE	3	E	3	NE	2–3	NE	1–2	ESE	1	NE	1	2·5
8	NE	1	NE	1–2	NE	1–2	NE	2–3	N	1–2	N	2–3	N	3	NE	2	NNE	3–4	NE	3	NNE	3	NNE	3	2·2
9	Var.	1–2	NE	1–2	N	3	N	2–3	N	2–3	N	3	NE	2–3	NE	3–4	NE	3–4	NE	2–3	NE	3	NE	1	2·6
10	SE	0–1	NNE	2	N	0–1	E	1	NE	1–2	E	0–1	Var.	0–1	NE	1–2	N	1	Var.	1	NE	1–2	NE	1–2	1·7
11	N	2–3	N	1–2	Var.	1	E	0–1	N	0–1	N	2–3	ESE	1–2	NE	1	NE	1–2	ENE	1	NE	1–2	NE	0–1	1·5
12	ENE	2	NE	2	NNE	1–2	NE	2	E	2	NE	1–2	Var.	0–1	Var.	0–1	ENE	1	NE	2	NE	0–1	NE	0–1	1·6
13	WSW	0–1	SW	1	SW	1	SW	1	Calm,	0	SW	0	SW	1	SW	1–2	SW	1–2	SW	1	SW	1–2	W	2	0·6
14	WNW	1–2	NW	2	WNW	1	WNW	2	N	0–1	Var.	0	WNW	0	NW	0	NW	0–1	WSW	1	WSW	2	WNW	1	1·2
15	W	3	W	3	WSW	3	WSW	2–3	WSW	3	NW	2–3	WSW	3	W	3	W	4	W	4–5	W	5	WNW	5	3·0
16	Var.	3	N	2	N	2	N	2–3	NNW	3	NW	2–3	NW	3	NNW	2–3	NW	3–4	NNW	3	NW	4	WNW	3–4	2·7
17	NW	4	N	3	NW	3	N	3	NE	3–4	NE	3–4	Var.	3	N	3	NNE	3	NNE	2–3	NE	3	NE	1–2	3·4
18	ENE	4	NE	4	NE	3–4	NE	4–5	NE	5	NE	5–6	Var.	2–3	Var.	1	NNE	3	NE	3	NE	3–4	NE	2	3·8
19	WNW	3	N	4	NW	3–4	W	3–4	NW	2–3	NNW	2–3	N	2–3	NNW	2	N	2	NNE	3–4	NNE	2–3	N	2–3	2·8
20	NE	4–5	NE	3–4	NE	4–5	NE	4–5	NE	4–5	NE	4–5	NE	4	NE	4	NE	5–6	NE	3–4	NE	5	NE	5	3·8
21	NE	3	NE	3–4	NE	2	NNE	2–3	N	2–3	Calm,	0	N	1	N	3	NNE	3	N	2–3	NNE	3	NNE	3–4	3·6
22	E	2–3	NE	2–3	NE	1	ENE	2	ENE	2	N	2	SE	0–1	N	0–1	N	0–1	N	2	NE	1–2	N	0–1	1·6
23	SW	2–3	SW	3	SW	4	SW	4	SW	3	SW	3–4	SW	4	SW	4–5	SSW	5	S	5	S	4–5	SW	5–6	2·9
24	W	3–4	SW	2	Var.	0–1	ENE	1–2	ENE	2	E	2	E	2	N	1–2	ENE	1	NNE	0–1	NW	2	WNW	1	3·1
25	SW	4	SW	6	WSW	5–6	W	3–4	W	4–5	W	3–4	W	4–5	W	3	NW	3	NW	2	N	1	N	2	3·5
26	WSW	6	W	5	SW	6	SW	5–6	W	4	W	3–4	W	3	W	3–4	W	3	W	3	W	3	E	2	3·7
27	NE	3	N	5	NNE	5	NNE	3–4	NE	4	NE	3	Var.	0–1	NE	2	NNE	2	N	1	N	0	N	1	3·3
28	SW	4	SW	4	SW	4	SSW	5	SW	4–5	SSW	5	S	5–6	S	5	SSE	6	SSE	7	S	7	S	6	3·9
29	ENE	2	NE	3	ENE	3–4	ENE	3	NE	3	ENE	3–4	NE	3–4	ENE	3–4	NE	3–4	ENE	3	NE	2–3	NE	2–3	3·4
30	NE	0–1	NW	1–2	SW	2	SW	2	W	1–2	W	2–3	W	2–3	SW	2	SW	2	WSW	3	SSW	3	SW	3	2·2
31	W	5–6	WSW	6–7	W	7	W	6–7	W	4–5	W	5–6	W	5	SW	6	W	5–6	W	4–5	NW	3–4	NW	2	4·8
MEANS		2·98		3·08		3·00		2·98		2·77		2·82		2·73		2·77		3·06		2·90		3·02		2·77	3·02

DIRECTION AND FORCE OF WIND (0–12). APRIL 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	2	N	1	NW	2–3	N	2	WNW	2–3	NW	3	NNW	3	NW	2–3	NW	2	W	3	NW	2–3	NW	2–3	2·2
2	Var.	1–2	NE	1	NNE	1	NNE	1	NNW	1–2	NW	2–3	N	1	NNW	1	WNW	2–3	WNW	1–2	WNW	2–3	WNW	2–3	1·8
3	W	2–3	WNW	2	WNW	1–2	WSW	2–3	W	3	W	3	WSW	3	SW	3	SW	3	SW	3	SSW	3–4	SW	3–4	2·5
4	S	4	SSW	5	S	4–5	S	4–5	S	4–5	S	4	S	5	S	4	S	4	S	4–5	S	6	S	4–5	4·2
5	SE	6	SSE	6–7	SE	5–6	SE	6	SE	7	SE	7	SE	7–8	SE	7–8	SE	8	SE	8	SE	8	SE	8	6·4
6	SE	7–8	SE	8	SE	7–8	SE	7	SE	7	SE	7	SE	6–7	SE	6–7	SE	6	SE	6–7	SE	6	SE	6	7·1
7	E	3	SE	4	ESE	2–3	E	1–2	E	2	NE	0–1	SE	1	E	2–3	SE	2–3	ESE	2–3	SE	3	ESE	3	3·8
8	Var.	0–1	Var.	0–1	N	2	E	2	E	2	NE	2	NNE	2	NNE	2–3	N	3–4	NNE	2	N	2–3	NE	2	1·9
9	NE	3	NE	2–3	E	3	ENE	1–2	ENE	2–3	NE	2–3	NE	2	ENE	3	ENE	4	NE	4	NE	2	ENE	2	2·6
10	E	1–2	NE	2	E	3	NE	2	ENE	2	E	2–3	E	2	ENE	3	ENE	4	ENE	4	ENE	3–4	E	3	2·5
11	E	4	E	2	E	3	ESE	3	ESE	3	E	3	E	2–3	E	3	ESE	2	E	2	ESE	2–3	ESE	2	3·0
12	E	0–1	N	1	E	2	ESE	1	Calm,	0	SSE	0	SE	0–1	NNE	1	E	0–1	Calm,	0	NNE	0	Calm,	0	1·4
13	Var.	0–1	NE	0–1	E	0	Calm,	0	Calm,	0	N	0–1	SE	0	Calm,	0	Calm,	0	E	0–1	E	0–1	Var.	0–1	0·1
14	NNW	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SW	0	Calm,	0	S	0	S	0–1	S	0–1	S	0–1	0·3
15	ENE	0–1	E	0–1	SE	0–1	E	1	E	0–1	ESE	0–1	E	1	NE	1	ENE	1–2	ENE	1–2	E	1–2	E	1–2	0·7
16	Var.	0–1	N	1	Calm,	0	NNE	0–1	N	1	ENE	0–1	N	0–1	N	0–1	NNE	1–2	NNE	1	NE	0	ENE	1	1·0
17	SSW	3	SSW	3	SSW	3	SSW	2–3	SSW	3–4	SSW	3–4	S	3–4	SSW	3	SSW	3	SW	3–4	SW	4	SW	3–4	2·6
18	SW	2–3	WSW	3	WSW	3	WSW	2–3	WSW	3–4	SW	3–4	WSW	4	SW	4	WSW	4–5	WSW	4	SW	4	WSW	4–5	3·3
19	W	3–4	WSW	4	WSW	3–4	W	4	W	4–5	W	5	WSW	5–6	WSW	5–6	WSW	6	WSW	6–7	WSW	6	W	6	4·7
20	WSW	1–2	W	3–4	WSW	4	WSW	6	SW	4–5	WSW	5	NW	3–4	W	5	W	5	W	4–5	W	4–5	W	5	3·9
21	W	3–4	WNW	4	WNW	3	W	4	NW	3	NNW	3	NW	1–2	NW	2–3	NW	3	WNW	3	WNW	2	W	2–3	3·4
22	SW	2	WSW	1	W	1	W	1	NW	0	NW	0–1	W	0–1	W	0–1	WNW	1	N	0	N	0–1	N	0–1	1·5
23	Calm,	0	Calm,	0	Calm,	0	W	1	W	0–1	W	0–1	SW	1–2	WSW	0–1	WSW	1–2	SW	1–2	SW	1	SW	2	0·5
24	SE	8	SSE	7–8	SSE	7	S	7	SE	7	SE	6–7	SE	6	SE	6–7	SSE	7	S	8	S	8	S	8	6·4
25	SE	6–7	S	6–7	S	7–8	S	7	SE	7	SE	6–7	SE	6	S	5–6	S	5	SSW	4	SW	3	SW	3	6·4
26	S	3	SW	3–4	SW	3	S	2–3	S	3–4	S	3–4	S	3	S	3	S	3–4	S	3	SW	2–3	SW	2	3·1
27	SW	3–4	WSW	3	WSW	2–3	WSW	3	WSW	3	W	2–3	SW	3	SW	2–3	SSW	4	SSW	4–5	SW	5	S	5–6	3·6
28	SE	7	SE	6	SSE	6	S	7	S	7	SE	6	SE	5–6	S	7	S	6–7	S	7	S	6	S	4–5	6·2
29	S	2	S	2	S	2	SSE	2	SW	1–2	S	2	S	1–2	SW	1–2	SW	2	SSW	2	SW	2	SW	1–2	2·8
30	S	2	S	1–2	SE	2–3	SE	3–4	SSE	4	SE	4	SE	4	S	4	S	5	SSE	5	SE	4–5	S	5–6	3·2
31																									
MEANS		2·87		2·87		2·88		2·95		3·03		3·02		2·88		3·07		3·40		3·33		3·25		3·22	3·10

Direction and Force of Wind (0–12). MAY 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	S	4–5	S	5	SSE	4–5	S	5	SE	5	SE	5	SE	5	SE	4–5	SE	4–5	SE	5	ESE	5–6	SE	4–5
2	SSE	4–5	SE	4	SSE	3	SE	4	ESE	4–5	ESE	4–5	ESE	5	SE	5	ESE	5	ESE	4	ESE	4	SE	2–3
3	SE	3–4	SE	3–4	SE	3	SE	3	ESE	3–4	SE	4	SE	3–4	ESE	3	ESE	5	ESE	5-6	ESE	5–6	ESE	4–5
4	E	2	Var.	1	ESE	2–3	SE	1	NE	2	E	1–2	E	2	E	2	E	3	ENE	2–3	NE	2–3	NE	2–3
5	NE	2	NNE	1–2	NE	2	NE	2	N	1–2	NE	2	NE	2–3	ENE	2–3	NE	2–3	NE	2–3	NE	2	S	0
6	N	1	NNE	1–2	NNE	1–2	NNE	2–3	NE	3–4	NE	3	NE	3–4	N	3	NE	1–2	N	2–3	Var.	2	NE	2
7	ENE	0–1	NE	0	Calm,	0	NE	1	ENE	2–3	NNE	1–2	NE	1–2	N	1	NE	1	NE	0–1	E	1–2	E	0–1
8	NW	1	N	0	N	0	NW	0	WNW	0–1	NE	0–1	WNW	2	WNW	2	W	2	WSW	1	W	1–2	W	1
9	NW	2–3	W	3	N	2	NNE	3	NNE	2	N	1–2	NNW	2–3	NNW	2	NW	0–1	WNW	1–2	WSW	1–2	SW	2–3
10	NE	2	NNE	2	NNE	3	NE	2–3	N	2	N	1	N	1–2	NNE	1–2	E	1	NE	1–2	Var.	0–1	NW	2
11	ENE	2	NE	2–3	E	3	E	2–3	W	1–2	Var.	0–1	E	1–2	E	2	E	2	E	1–2	E	2–3	ENE	2–3
12	NE	2	NW	3	NW	3	NW	3	W	2	W	2	WNW	1	WNW	2	Var.	0–1	SW	0	WNW	2	NW	2
13	SE	2	SE	1–2	ESE	2	ESE	1–2	NW	1–2	E	0–1	E	0–1	ESE	0–1	E	0–1	E	1–2	E	1	E	0–1
14	NW	2	NW	2–3	NW	2	NW	2	W	2	W	1–2	NW	2–3	NE	2–3	N	2–3	ENE	1–2	E	1	E	1
15	W	1–2	NW	2–3	WSW	2–3	W	2–3	WNW	2	W	1–2	WSW	2	SW	2–3	W	2–3	W	2–3	WSW	2–3	W	3
16	Var.	1	N	1	NNE	2–3	N	2–3	N	2	ENE	3	E	2–3	ENE	2–3	E	2–3	ENE	2–3	N	2–3	NE	2–3
17	NE	2–3	NE	3–4	NE	3	ENE	3	NE	3–4	NE	3	NE	3	E	2–3	NW	3	N	3	NE	3	ENE	2–3
18	N	2–3	NE	3	NE	2	NE	3	N	3	NNE	2–3	NNE	1–2	ENE	2–3	W	3	Var.	2	NE	1–2	NW	0–1
19	SW	1	SW	1	SW	1	SSW	1	SW	0–1	S	0–1	S	0–1	SSE	1	SSE	1	S	1–2	SSE	2–3	S	1–2
20	SE	4	SSE	4	SE	5	SE	4–5	SE	5–6	ESE	6–7	ESE	6–7	ESE	6	ESE	6–7	ESE	5–6	ESE	6	ESE	5–6
21	ENE	3–4	NE	3	NE	3	NE	3	E	3	E	1–2	ENE	0–1	E	1	E	1–2	SE	2	SE	2	S	2
22	S	3	S	2–3	S	3	SE	3	ESE	3	SSE	3–4	SE	4	SE	3	SE	3–4	SE	3	SSE	3–4	S	3
23	NW	2–1	NW	2	Calm,	0	Calm,	0	ENE	0	Calm,	0	Calm,	0	NNE	0	Calm,	0	E	0	E	0–1	Var.	0–1
24	E	2	E	2	E	2–3	E	2–3	E	2	E	0–1	E	2	E	1–2	E	1–2	E	1–2	N	1	N	0–1
25	N	1	N	2	WSW	2	W	0–1	E	1	Calm,	0	Calm,	0	N	0–1	NW	1	W	2	WNW	1–2	W	0–1
26	WSW	3	WSW	3	W	3	WSW	3	W	2–3	W	2–3	W	0–1	W	2	SW	2–3	SW	2	SW	1–2	SW	2
27	WNW	2	SW	3	SW	3–4	SW	3–4	S	3	SE	3–4	S	3	S	3	SSE	3–4	SSE	3	S	3–4	S	3–4
28	SSW	5	SSW	4–5	S	6	S	6	SE	5–6	SSE	6	SSE	6	SSE	6	SSE	5	SE	5–6	SE	6–7	SSE	5–6
29	SW	6	SSW	6–7	SW	6	SW	5	S	4	S	4	S	4–5	S	4	S	4–5	S	4	S	4	S	4
30	SW	5	W	4–5	SW	5	SW	5	SSW	4–5	SSW	4–5	W	4–5	SW	4–5	WSW	3–4	W	4	W	4	W	4
31	NW	3	N	3	NNW	3	NW	3	E	2	E	3	SE	2–3	E	3–4	SE	2	NE	3	NE	1–2	N	2
Means		2·56		2·65		2·73		2·71		2·61		2·42		2·52		2·56		2·53		2·52		2·60		2·29

Direction and Force of Wind (0–12). JUNE 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	E	3	ENE	3	NE	2	ENE	2–3	NE	1	NE	1–2	E	1–2	NE	1–2	N	0–1	N	1	NNW	0–1	Calm,	0
2	W	3	W	3	W	3–4	WSW	3	WSW	3–4	W	3–4	WSW	3–4	W	3–4	W	3	NW	1–2	WNW	2–3	NW	2–3
3	W	3	W	3–4	W	3	W	3–4	SW	2–3	WSW	3	SW	3	SW	3	SW	3	SW	3	SSW	2–3	SW	3–4
4	W	3–4	W	3	W	2	W	2–3	W	2–3	W	2–3	W	2–3	WSW	2	SW	2	SW	2–3	SW	3	SW	2–3
5	SW	5	SW	5–6	SW	6	SSW	6–7	SW	4–5	WSW	5	SW	4–5	WSW	4–5	NW	2–3	NW	3	NW	3	NW	2–3
6	NNW	2–3	N	2	NNE	2	N	1	E	1–2	N	1–2	NE	0–1	NE	0–1	NW	1	NW	0–1	Calm,	0	Calm,	0
7	SSW	1	Calm,	0	Calm,	0	Calm,	0	SE	1–2	SE	2	SE	1	SE	1	Calm,	0	SE	1–2	SE	2	SE	2
8	E	0	E	0	NE	0–1	Calm,	0	NE	0–1	E	1–2	NE	1	NNE	0–1	E	0–1	SE	2	ENE	0–1	E	0–1
9	SW	1	SSW	1–2	SSW	1	WNW	1–2	N	1	WNW	0–1	NE	0–1	N	2	NE	3	N	2	N	3	N	2–3
10	ENE	2	ENE	2–3	NE	1	NE	1	N	1–2	N	1	N	1	WNW	0	S	0	S	1	S	1	S	0
11	SW	2–3	SW	3	SW	3	SW	3	SW	3	SW	3	WSW	4	W	3	W	3	W	3	W	3–4	W	3
12	WSW	4	WSW	4	W	4	WSW	4	W	4	W	3–4	W	3	W	3	W	3	WSW	3–4	SW	3–4	SSW	3
13	WSW	4	W	3–4	W	3	W	3	SW	2–3	WSW	3	SW	2–3	W	2	W	2–3	SW	3	WSW	2	SW	1–2
14	W	3	WNW	2–3	NW	3	NNW	3	NW	2–3	N	1–2	N	1–2	NE	2	NE	1	NE	1	E	0	NE	1
15	NNE	2	NE	2–3	N	3	NE	2–3	NE	2	N	1–2	NNE	2–3	E	1–2	E	2	S	1	ENE	1–2	E	1–2
16	SSE	0–1	S	1–2	S	2	S	2–3	SW	2	SW	2	SW	1–2	S	1–2	SSE	2	SE	2	SE	2	SE	2
17	S	2	S	2	SW	2	SSW	2	S	1–2	SSW	1–2	SW	2	SW	2	WSW	2	SW	3	SW	3	SSW	3
18	WNW	2	SW	2	SW	3	SW	2–3	SW	2–3	SW	2–3	SW	2–3	SW	2–3	SW	3	S	3	S	3–4	S	4
19	WNW	2–3	N	2	N	2	NE	1–2	NW	1	N	2	N	1–2	NW	1–2	NW	2	W	2	SW	2	SW	2–3
20	W	3	WNW	3	W	2–3	N	2–3	NW	1	NW	1–2	NW	1–2	W	1–2	W	1–2	Var.	0	WSW	0–1	N	1
21	ENE	2–3	E	2	E	2–3	ENE	3–4	ENE	3	NE	3	ESE	2–3	SE	2–3	E	3	E	2	NE	4	E	3
22	W	2–3	SW	3	SW	3–4	SW	4	WSW	3	SW	3	SW	3	SW	3	SW	3	SW	3–4	SSW	4	SW	5
23	WNW	2–3	NW	3	W	3	W	3–4	W	2	WSW	3	W	2–3	WSW	3	W	3	WSW	2	WSW	2–3	W	2–3
24	SW	3	SW	2	SW	3	SW	2–3	SW	2	WSW	2	WSW	2	W	2	W	2	SW	2	SW	2	SW	1
25	Calm,	0	N	1	Calm,	0	N	0	N	0	N	0–1	N	1	N	0–1	Calm,	0	Calm,	0	Calm,	0	NNE	0–1
26	SSW	0–1	SW	1	SW	0–1	W	1	WNW	2	W	2–3	NW	1–2	NW	0–1	N	0–1	NW	0	Var.	0–1	Calm,	0
27	NW	1	NE	1–2	NE	1	N	1	Calm,	0	E	2	E	2–3	Var.	1	ENE	2	ENE	1	ENE	0–1	SW	0–1
28	Calm,	0	Calm,	0	Calm,	0	SW	0	SSW	0	Calm,	0	SW	0–1	SW	1	SW	1–2	W	0–1	W	1–2	W	• 1
29	NW	2	NNE	3–4	NE	3	NE	3	ENE	3	NE	2–3	NE	2	N	2	E	1–2	NNE	2–3	NE	2	E	1–2
30	NNE	3	NNW	0–1	N	0–1	N	0–1	NE	2	ENE	1–2	E	0–1	NE	2	NE	1	NNE	0–1	Var.	0–1	N	0–1
31																								
Means		2·22		2·25		2·18		2·23		1·97		2·20		1·98		1·88		1·83		1·78		1·90		1·80

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	4–5	SE	4	ESE	4–5	ESE	5	ESE	4	SE	4–5	SE	3	SSE	3	SSE	3	S	4	SSE	4	SSE	2–3	4·3
2	SE	2	SE	2–3	SE	3–4	SE	4	SE	4	SE	3	ESE	4–5	SSE	4	SE	5	SE	4	SE	4	SE	4	3·9
3	ESE	4–5	ESE	4–5	SE	5	ESE	4	E	4	E	4	E	4	ENE	3	E	4–5	E	3–4	E	3	E	3	3·9
4	ENE	1	Calm,	0	E	0–1	NE	2–3	E	1–2	ENE	1–2	N	1	Var.	0–1	ENE	1–2	NE	0–1	ENE	2	NE	2	1·6
5	E	0–1	SE	1	E	1–2	NE	1	N	1–2	NNE	3	NE	3	E	2	NE	2	E	0–1	NE	1–2	E	1	1·7
6	Var.	2	E	1–2	NE	1	NE	1–2	N	2	NE	3	NE	2	W	2	Calm,	0	NE	1	Var.	0–1	NE	0	1·8
7	NE	1–2	NE	0	NE	0–1	NE	0	ENE	1–2	E	0–1	E	1–2	NE	2–3	ENE	1	NE	0	E	1–2	E	0	1·8
8	Calm,	0	W	1	NW	2	WNW	2	W	1	WSW	2	SW	1	SSW	2	S	3	S	3	NW	3	NNW	3	1·4
9	SSW	2–3	WSW	3	SSW	3	SSW	3	SSW	3–4	NW	0–1	W	1–2	N	1–2	N	2	NE	2	NNE	3–4	NE	2	2·2
10	N	3	NNE	2–3	N	2	NE	2–3	NE	2–3	NE	2–3	Var.	2–3	NE	2	NE	2–3	ENE	2–3	ENE	3	ENE	2–3	2·1
11	NE	2–3	ENE	2	ENE	2–3	ENE	2	E	1–2	E	1–2	E	2	E	2–3	E	2–3	ENE	2	E	3	ENE	2–3	2·1
12	NW	2	WNW	2	W	0	N	0–1	S	0–1	WNW	1–2	E	0–1	N	0	Calm,	0	Calm,	0	Calm,	0	S	0–1	1·2
13	NE	1–2	ENE	1	Calm,	0	Calm,	0	NNE	0–1	NE	0–1	E	0–1	NNE	2	E	1	E	2	N	1–2	NW	2	1·1
14	NE	0–1	Calm,	0	NNE	1–2	SE	0–1	ENE	1	ENE	2–3	NE	1–2	E	0	E	0	NE	1	NNW	1	NW	1	1·4
15	W	2–3	NNW	1	W	2	NNW	2	WNW	3	W	2–3	WNW	2	NW	2	WSW	3	W	3	W	2	W	1–2	2·2
16	NE	2–3	NE	2	N	1–2	N	2	ENE	3	ESE	2–3	E	3	NNE	2–3	NE	2–3	NNE	3	NE	3	E	3	2·4
17	ENE	3	ENE	3	NE	2–3	NNE	2	NE	2	ENE	2–3	SW	2	NE	3	NNE	2	N	3–4	E	3	N	3	2·8
18	ENE	1	Calm,	0	E	1	Calm,	0	Calm,	0	Calm,	0	NW	0	Calm,	0	Calm,	0	S	0	SW	0–1	SW	0–1	1·2
19	S	1–2	SW	1	SSE	2	S	1–2	SSE	1–2	SSE	2	SE	2	SSE	3	SE	3	SE	3–4	SE	4	SE	4	1·7
20	E	6	ESE	5–6	E	4	E	4	SE	5	ESE	5	ESE	6	E	5	E	4	E	4	E	3	E	4	5·0
21	SE	3	SE	3	SSE	2	SE	2–3	SE	2	SE	2	SE	3	SSE	3	SE	2–3	SSE	2	SSE	2	S	3	2·3
22	SSW	3	SSW	2–3	W	2–3	W	2–3	WNW	2	NW	1–2	NW	0–1	W	1	W	1–2	WNW	1–2	WSW	1–2	W	2	2·5
23	ESE	1	E	0–1	NE	2	E	0–1	Calm,	0	NE	1–2	ENE	1–2	NE	2	NE	1	E	1–2	NE	2	E	2–3	0·9
24	Calm,	0	NE	0–1	Var.	0–1	E	1–2	Calm,	0	E	1–2	N	1	E	0–1	NE	1	Var.	0–1	Calm,	0	N	1	1·1
25	W	2	W	2	W	1	WNW	2	WNW	0	S	0	Var.	0–1	NW	2	W	0–1	WSW	1–2	SW	2–3	SW	3	1·2
26	SW	0–1	SW	1	SSW	2–3	S	2–3	WSW	2	SW	2	SW	2–3	SW	2	NW	2	W	3	WSW	3	WSW	3	2·2
27	SSE	4	SW	4	SW	3–4	SW	3–4	S	4	SSE	4	SE	4–5	S	5	SE	5–6	SE	5–6	S	5	S	5	3·8
28	SSE	5–6	SSE	6	S	6	S	6	SE	6	SE	6	SSE	6	S	6	S	6	SW	6	S	7	SW	7	5·9
29	S	4	S	4	S	5	S	4–5	SW	4	S	4	WSW	4	WSW	5	SW	5	WSW	5	W	5	W	4	4·6
30	WSW	4–5	WSW	5–6	WSW	5–6	W	4–5	WNW	2–3	W	3	NW	3	NW	3–4	N	4	NW	3	W	3–4	WNW	3–4	4·1
31	NW	2	Var.	0–1	W	2–3	NW	3	E	0–1	NE	1	NE	1	E	1	E	2	NE	2	E	2	E	3	2·2
MEANS		2·39		2·16		2·37		2·35		2·15		2·31		2·29		2·37		2·37		2·39		2·56		2·55	2·47

DIRECTION AND FORCE OF WIND (0–12). JUNE 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	0–1	N	1–2	N	1	WNW	1	WNW	1	W	1–2	WSW	1–2	W	2–3	W	2–3	WSW	2–3	W	3	WNW	2	1·6
2	W	2–3	NW	3	NNW	3	WNW	3	W	2–3	WNW	2–3	WNW	2–3	W	3	W	2–3	W	3	W	2–3	W	3	2·9
3	S	4	WSW	2	WSW	3	W	3	SW	4	SW	3–4	SW	4	W	3–4	W	4	W	3	W	4–5	W	3–4	3·3
4	SW	2–3	SW	2	SW	3	SSW	3	S	3–4	S	4–5	SSE	4–5	S	3–4	S	3	SW	3	SW	4	SW	4–5	3·0
5	NW	3	SW	3	NW	2–3	W	3–4	NE	2–3	NW	2–3	NW	2–3	W	2	NW	2	SW	3	W	3	NW	2–3	3·5
6	Calm,	0	W	0	SW	0–1	Var.	0	SW	0	Calm,	0	SSW	1	SSW	0–1	SW	2	SSW	1–2	SSW	1–2	SSW	0–1	0·9
7	SE	2–3	SE	1	SE	0–1	SE	0–1	ESE	1	ESE	1–2	E	0–1	ESE	0	E	0	Var.	0	E	1	ENE	0	0·9
8	Calm,	0	NNE	0–1	NE	0	Calm,	0	E	0–1	WSW	0–1	E	1–2	SE	1	SSE	1	WNW	0	Calm,	0	S	0	0·5
9	N	3	ENE	2–3	E	2	E	2	N	2	Var.	0–1	E	0–1	ENE	2–3	NE	2	E	1	Calm,	0	E	2	1·6
10	S	0–1	SSW	0–1	SW	2	SW	0–1	SW	2	W	1–2	SW	2	SW	2–3	SW	3	SW	3	WSW	3	SW	3	1·5
11	W	1	SW	1	SW	3	SW	3	WSW	3–4	W	4	WSW	3	WSW	3	SW	3–4	SW	4	W	4	WSW	4	3·1
12	SSW	0–1	WSW	3	SW	3	W	2	SW	2–3	SW	3	SW	3	WSW	3–4	SW	3	SW	3–4	WSW	3	SW	3–4	3·2
13	SW	2	WSW	2	WSW	2–3	WSW	2–3	SW	2	SW	2–3	SW	2	WSW	3	WSW	3	WSW	3–4	W	3–4	W	3	2·7
14	Calm,	0	NE	1	ESE	1	E	0–1	NW	1	N	0–1	NNW	2	Calm,	0	E	0	SSE	0	NE	1	NNE	1–2	1·3
15	ENE	1–2	NE	1–2	N	1–2	NE	2	SE	0	E	0–1	E	0–1	N	0	ENE	1–2	N	0–1	Calm,	0	E	0	1·4
16	SE	2	SSE	2	S	1–2	SSE	1	SE	1–2	SE	2	SE	1	S	0	S	1	S	1	S	0	S	1	1·5
17	SW	3	SW	3	SW	2	WSW	2–3	SW	2–3	SW	2–3	WSW	2	SW	2–3	SW	3	W	1–2	NW	1	W	1	2·2
18	S	4	SW	3–4	SW	4	SW	3	SW	4	SW	4	W	3–4	NNW	3	W	3	WSW	3–4	WNW	3	WNW	3–4	3·1
19	WSW	2–3	W	3–4	SW	3	SW	3	SW	4	SW	3–4	SW	4	WSW	3–4	SW	3	WSW	3–4	W	4	NW	3–4	2·6
20	NE	2–3	NE	4	ENE	4	ENE	4	NE	3	NE	3	NE	3–4	NE	4	NE	4	NE	3	ENE	3	ENE	4	2·6
21	ENE	3	NNE	4	NE	3	NE	2	NE	3	E	0–1	E	2	NE	3	NE	2–3	NNE	2–3	WNW	3	W	3	2·7
22	SW	4	SW	4	WSW	3–4	SW	3–4	W	3	NNW	2–3	WNW	0–1	WSW	2–3	WNW	3	NW	2–3	NNW	2–3	NW	3	3·1
23	W	2	W	3	SW	3	WSW	3	W	2	SW	2	W	2	SW	2–3	SW	3	SW	2–3	SW	2–3	SW	3	2·6
24	W	1–2	SW	2–3	SW	1	WSW	2–3	W	1	W	1	Calm,	0	Var.	0	SW	0–1	W	0	W	0	NNW	0	1·5
25	NE	0–1	E	0	NNE	0	NE	0–1	NNE	0–1	ENE	0–1	N	1	ENE	1–2	NE	1	Var.	0	SSW	0	SSW	0	0·4
26	W	0	Var.	0	W	0	W	1	W	2	W	1–2	WNW	2	WSW	1	W	1	Calm,	0	Calm,	0	W	1	0·8
27	Calm,	0	Calm,	0	Calm,	0	Calm,	0	N	0	NNW	0–1	NNW	0–1	Calm,	0	N	0	N	0	N	0	Calm,	0	0·6
28	SW	2	W	1–2	W	1	NW	1	NW	1–2	NW	0–1	N	0–1	N	1	N	0–1	N	0	NW	2	N	1–2	0·8
29	ENE	1–2	NE	2–3	NE	1–2	NE	2	N	1	E	0	N	0–1	N	0–1	N	0–1	N	0–1	NW	0–1	NNE	1	1·7
30	N	0	N	0–1	Calm,	0	NNE	1–2	ENE	1	E	1	ENE	0–1	N	0	NW	1	W	2	WNW	2–3	NW	3	1·1
31																									
MEANS		1·73		1·95		1·87		1·90		1·93		1·80		1·82		1·85		2·00		1·80		1·93		2·05	1·96

Direction and Force of Wind (0–12). JULY 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NW	3-4	N	2-3	NW	4	WNW	4-5	WNW	3-4	NW	2-3	W	3	WSW	3-4	WSW	3	W	2-3	WNW	2-3	N	2-3
2	NW	3-4	NW	3-4	NW	3-4	NW	3	W	3	W	3	W	2-3	W	2-3	WNW	2-3	WNW	2-3	WNW	2	W	2
3	WSW	2-3	W	3	WNW	3	NW	3	W	2	W	2-3	WSW	2-3	WSW	3	SW	2	SW	2-3	WSW	2-3	SW	3
4	W	3-4	SW	3	W	3	WNW	3-4	W	4	W	4	W	4	NW	3-4	W	4	WNW	4	NW	4	WSW	3-4
5	WSW	4-5	W	4-5	W	4-5	WNW	5	WSW	4	SW	4-5	WSW	4-5	W	3-4	W	3-4	WSW	3-4	W	3	W	4
6	W	3-4	SW	3-4	SW	2-3	SW	3	W	3	WSW	3	W	3	NW	2	NNW	2	W	2-3	WSW	2	SW	2-3
7	SW	4	SSW	3-4	SSW	3-4	S	4	SW	3	SW	4	W	3-4	SW	3-4	SW	3-4	SW	3	WSW	3	WSW	3
8	SW	3	SSW	3-4	SW	4	SW	4	WSW	3	WNW	2-3	NW	2-3	SW	2-3	SW	2-3	SW	3	SW	3-4	W	3
9	W	3-4	SSW	4	SW	4	SW	3-4	SW	4-5	SW	4	S	4	S	4-5	WSW	3	S	4-5	S	3-4	WSW	3
10	SW	3-4	SW	5	WSW	4-5	WSW	5-6	WSW	4	W	4	SSW	4	SSW	4	S	4	S	3-4	SW	3	S	3-4
11	S	2-3	S	3	S	3	S	3	SE	3	SE	4	SE	4-5	SE	5	SE	5-6	SE	5-6	SE	5-6	SE	6
12	NW	1-2	N	1-2	NW	1-2	NW	2-3	W	0-1	N	1	WNW	1	Calm,	0	W	0-1	SSW	2	SW	2	SW	2
13	SW	1	SW	1	SW	1	SW	1-2	W	1	NW	0-1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SSE	0-1	SSE	1-2
14	NW	0-1	NW	1	NW	1	NNW	1-2	N	1	N	1	NNW	0-1	W	0-1	W	0-1	W	0-1	NW	1-2	WSW	1
15	SW	5	WSW	4-5	SW	5-6	SW	5-6	SW	3	SW	3-4	WSW	3-4	WNW	3	WSW	3	N	1-2	W	1-2	WNW	2
16	N	0	NNW	1-2	NW	0-1	N	1	WNW	1	W	1	WNW	1-2	N	1	W	1-2	W	1-2	W	1	W	0-1
17	Var.	1	Calm,	0	NE	1	NE	1-2	Var.	0-1	W	1	Var.	0-1	NE	1-2	NE	0-1	NE	1	E	0-1	NE	1
18	WSW	1	W	0-1	Calm,	0	W	0	NNW	0	E	0-1	SW	1	SSW	1-2	S	2-3	SSE	2-3	S	1-2	S	1-2
19	NNE	0-1	NNE	1	N	1-2	NNE	1	N	2	NNE	2-3	NNE	2-3	N	1-2	N	1	Calm,	0	SE	0-1	W	0
20	E	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SSE	0	W	0	Var.	0	Calm,	0	S	0-1	S	1	SW	0-1
21	E	0	Calm,	0	ESE	0	E	0	SE	0-1	E	0-1	ESE	1	ESE	2	ESE	2	SE	2	SE	2-3	SE	3
22	S	2-3	SW	2-3	S	2-3	S	3	S	2-3	S	2	S	2-3	S	2	S	1	WSW	2	Calm,	0	W	0
23	W	1	N	0	N	0	N	1	NNW	0-1	N	1	N	1-2	NW	2	N	1	N	1	N	0	W	0
24	SSW	1	SSW	1-2	SSW	1-2	SSW	1	WSW	1	SW	1	W	1	W	0-1	Calm,	0	SSE	1	SSE	0-1	SSE	1-2
25	SW	2-3	SW	2-3	SW	2-3	SW	3	SW	2-3	WSW	2-3	WSW	3	S	3	SW	3	SW	3-4	WSW	3	WSW	3
26	W	2	WNW	3	WNW	3	WNW	3	WNW	2	WNW	2	WNW	2	W	1-2	W	1-2	SW	1-2	SSW	1-2	SW	2
27	W	0	NW	0	NW	0	NW	0-1	NW	0	NNW	1	NW	0	NNW	1	E	0	SE	0	ESE	1	ESE	0-1
28	WSW	0	W	0	NW	0-1	NW	0-1	WNW	0	N	0-1	N	1	N	0-1	N	0	N	0	SSE	0	SE	0-1
29	S	0	W	1	W	1-2	WNW	2	NW	2-3	N	1	NW	1	N	1-2	NW	1-2	N	0	Calm,	0	SE	1
30	S	0-1	SW	0-1	NW	1	NW	1-2	N	0	N	1-2	N	2	N	2	N	1	N	0-1	N	0	Calm,	0
31	Calm,	0	W	0	WNW	0	NW	0	WNW	1	NW	0	N	0	N	0-1	N	0	N	0	N	0	NNE	0
Means		1·85		1·97		2·06		2·32		1·89		2·00		2·05		2·03		1·81		1·87		1·71		1·85

Direction and Force of Wind (0–12). AUGUST 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	N	1	NNE	1-2	N	2-3	N	2-3	N	1-2	N	1-2	NNE	1	N	0-1	Calm,	0	N	0-1	N	0	Calm,	0
2	NW	0	WNW	0-1	WNW	1	WNW	1-2	NW	1	NW	1-2	WNW	0-1	NW	0	NW	0	NNE	0	NNW	0	N	0
3	NW	0	Calm,	0	N	0	N	0	E	0-1	N	1	N	0-1	N	0-1	N	0	N	1	NNE	1-2	NW	0
4	NE	2-3	NNE	4	NNE	3-4	N	4	N	3	N	3	NE	3-4	Var.	1-3	N	2-3	N	2-3	NNE	1	N	1
5	E	2	ESE	1-2	NNE	1-2	NE	1	NE	0-1	N	2	N	0-1	NE	0-1	ESE	2-3	ESE	3	ESE	2-3	NE	0
6	ENE	2	NE	2-3	E	2-3	ESE	3	ESE	3	ESE	3	ESE	3	ESE	3-4	ESE	3	ESE	3	ESE	3	ESE	2-3
7	E	0-1	Calm,	0	E	0-1	Calm,	0	NNE	0-1	Calm,	0	Calm,	0	NNE	0-1	Calm,	0	SE	0	Calm,	0	SE	0
8	Var.	0-1	NNE	1-2	NNE	1-2	NNE	2	NNE	1-2	N	1-2	N	2	N	1	N	1	NW	0	Calm,	0	SW	0-1
9	SSE	3	SSE	3	SE	3	SSE	3	SE	3-4	SE	3-4	ESE	6-7	ESE	8	SE	8-9	SE	8	SE	8-9	SE	7-8
10	SW	4-6	S	3-4	SSW	1	SW	1-2	SSW	3	SSE	3-4	SE	5	SSE	4	S	4-5	SE	4-5	S	4-5	S	5-6
11	Var.	0-1	NNE	1-2	Var.	0-1	W	1-2	W	3	W	2-3	SW	3	SW	3-4	W	3	NW	2-3	ENE	1-2	Var.	1-2
12	NW	0-1	NW	0-1	W	0	SW	0-1	SSW	1	SSW	1	S	2	SSE	2	SE	2	SE	2	E	2	ESE	2
13	N	1-3	N	1-3	NNE	3	N	1-3	N	1-2	NNE	2-3	NE	3-4	NE	2-4	NE	3	N	3-4	N	3-4	N	2-4
14	Var.	0-1	N	1-2	N	2-3	NE	3	NE	2	NE	1	NE	1-2	E	1	NE	1-2	NNE	0-1	N	0-1	N	1
15	W	3	W	3	W	2-3	W	3	WSW	1-2	W	2	W	2	W	1-2	W	1	WSW	0-1	SW	2	NW	1
16	W	3-4	WNW	3	W	3	WNW	2-3	NW	2-3	N	2	NW	1-2	NW	4	N	3-4	W	1-2	NNE	1-2	NW	0-1
17	ENE	2-3	N	2-4	N	2-5	N	3-5	N	5-6	NNW	4-5	N	3-5	NNW	2-4	N	2-3	N	1-3	NNW	1-2	NNE	1-3
18	N	1-3	N	2-3	N	3	N	3	N	3	N	0-2	NNW	0-1	N	2-3	NNW	1-2	N	0-1	N	1	N	0-1
19	N	1-2	N	1-2	N	1-2	N	1-2	NNE	1	N	0-1	N	1	NNE	3	N	2-3	NNW	3-4	NE	1	NNE	1
20	NE	2-3	N	4-6	N	4-6	NNE	4-6	NNE	4-6	NNE	4-5	E	3-5	E	2-5	E	0-	ENE	1-2	ESE	1-2	ESE	2-3
21	N	1-3	ENE	1-2	NE	2	N	2-3	NE	2-3	N	4-5	N	5-6	N	6	N	6-7	N	5-7	N	5-7	NNE	5
22	N	1-3	N	3	N	3-4	N	3-4	N	3-4	N	4	N	4-5	N	3-5	N	3-4	N	3	N	2-4	NE	0-2
23	N	0	N	0-1	N	1	NNE	1	N	0-1	NNE	1	N	1	N	0-1	N	1	N	1	N	1	NNE	1
24	Calm,	0	SE	0	S	0	S	0-1	S	0-1	SW	0	S	0	SW	0-1	S	0-1	SSW	0-1	Calm,	0	Calm,	0
25	S	1	S	0-1	S	1	S	1	S	1	S	1	S	0-1	S	1	SE	0-1	SE	1	SE	1	SSE	1
26	SE	0-1	SE	0	E	0-1	ESE	0	ESE	0-1	E	0-1	SE	0	SE	0-1	ESE	1	SE	0-1	ENE	1	ESE	1
27	ESE	3-4	ESE	3-4	ESE	3	ESE	3	ESE	3-4	E	2	ESE	3-4	ESE	4	ESE	4	ESE	3	ESE	3-4	ESE	3-4
28	SE	5-6	ESE	4-5	SE	4	SE	4	ESE	5	SE	3-4	SE	3	SE	3	SE	2	SE	2-3	ESE	3	SE	3-4
29	N	1-2	N	1	N	1	N	1-2	N	1	N	1	N	1-2	Var.	0-1	Var.	0-1	N	0-1	N	0-1	N	0
30	N	0	N	0	NW	0	NNW	0-1	NNW	1	W	0-1	W	0-1	W	0-1	WNW	0-1	SE	0-1	S	0-1	S	1
31	W	0-1	S	0	S	0-1	W	0	Calm,	0	W	0-1	Calm,	0	Calm,	0	SE	0	SE	0-1	SE	0-1	SE	1
Means		1·68		1·81		1·87		2·00		2·03		1·95		2·11		2·19		2·02		1·92		1·84		1·61

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	2–3	N	4	N	3–4	N	3–4	N	3	N	3–4	NNW	4	N	4	N	4	N	4	NNW	4	NW	3–4	3·4
2	WSW	2	WNW	2	W	2	WSW	1–2	WNW	2	WNW	2	WNW	2	NW	3	WNW	3	W	3	W	2–3	W	2–3	2·5
3	SW	3	SW	3	W	2	W	2	W	2–3	W	2	WSW	2–3	W	2–3	W	2	WSW	2–3	WSW	2–4	WSW	3	2·5
4	SW	2	WSW	2–3	SW	2–3	W	2–3	SW	3	SW	3	W	2–3	W	3	W	2–3	W	3	W	3–4	W	4–5	3·3
5	W	3–4	W	4–5	W	4	WNW	4–5	W	4–5	W	3	W	3	W	3	W	3–4	W	3	W	3	W	3	3·8
6	SW	2	SSW	3	S	3	S	3–4	SSW	4	SW	3–4	SSW	3–4	SW	4	SW	4	SSW	4–5	SSW	4	SW	4	3·1
7	W	2–3	SW	3	WSW	2–3	W	2–3	WSW	2–3	SW	3	SW	2–3	SSW	2–3	SSW	3	SW	2–3	SW	2–3	S	2–3	3·0
8	WSW	3	W	3–4	W	3–4	WSW	3	SW	2–3	WSW	2–3	W	2	WNW	3	SW	3	WSW	2–3	SW	3–4	SW	3–4	3·0
9	SSW	4	SSW	4	SSW	4–5	SW	4	WSW	4	WSW	4–5	S	4–5	SW	4	SW	4–5	SSW	4–5	SW	4	SW	5	4·1
10	S	2–3	SW	3–4	SW	3	SW	3	SSW	3–4	SW	3	SW	3	SSW	3	SW	2–3	SW	2	SW	2–3	SW	2	3·4
11	SSE	5–6	SSW	4	SW	5	WSW	3	WSW	3	WNW	2–3	WSW	1–2	NW	2–3	N	3	NW	2	NW	2	NW	1–2	3·6
12	SW	2	SW	2	WSW	2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	1–2	SW	1	Calm,	0	WSW	0–1	1·5
13	Calm,	0	Calm,	0	NW	0–1	Calm,	0	E	0–1	N	0–1	N	0–1	NW	0	NW	0	NW	1	N	0	Calm,	0	0·5
14	WSW	1	NW	1–2	WSW	2	W	2	W	1–2	W	2	SSW	3	W	3–4	W	4	SW	4	SW	5	SSW	5	1·9
15	WNW	1–2	NW	1–2	NW	2	W	2–3	W	2–3	NNW	2	W	2–3	W	2	NW	1–2	NW	1–2	NW	0–1	N	1	2·6
16	W	1	NW	1	N	2	W	0	NW	0–1	WNW	1–2	N	0–1	E	0–1	N	1	N	1	Var.	0	Var.	0–1	0·9
17	Var.	0–1	N	1	ESE	1	Var.	0	NNE	1	SW	0	W	0–1	NW	0	Calm,	0	W	0–1	W	0	Var.	0–1	0·6
18	S	1	SW	0	S	0	S	1	WSW	0–1	W	1	Calm,	0	NW	0–1	NW	1	Calm,	0	NW	0	Calm,	0	0·7
19	Calm,	0	SW	0	W	0	S	0	SW	0	SSE	0–1	SE	1	SE	1	SE	1–2	ESE	1	E	0–1	E	1	0·9
20	Var.	0	Var.	0	SW	0	W	0	SE	0	N	0	N	1	N	1	NNE	0–1	Calm,	0	Calm,	0	Calm,	0	0·2
21	S	1–2	ESE	1–2	ESE	1	SE	0	ESE	0–1	ESE	0	SE	0–1	SE	1	S	1–2	S	2	SSE	2	S	3	1·2
22	S	0	W	0	SW	1	SW	0	WSW	0–1	WSW	0–1	W	1	SW	0–1	SSW	0–1	S	1	SSW	1–2	SW	1–2	1·3
23	Calm,	0	Calm,	0	Calm,	0	E	0	Calm,	0	Calm,	0	E	0–1	SE	0	SE	1	SSE	1–2	SSE	2	SSE	1	0·6
24	SSE	1	S	1	SSW	1	SW	0–1	SSW	0–1	SSW	2	SSW	2	S	1–2	SW	1–2	SW	1	SW	2	SW	2–3	1·2
25	WSW	3	SW	3	SW	2–3	SW	2–3	WSW	2–3	WSW	3	WSW	2	SW	2	W	2–3	NW	2–3	WNW	3	NW	3	2·7
26	SW	1	SW	0–1	SSW	0	WNW	0–1	W	0	WSW	0	W	0	WNW	0–1	Calm,	0	Calm,	0	NW	0	W	0	1·1
27	S	0–1	Calm,	0	Calm,	0	E	0	N	0	SE	0–1	SSE	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	WSW	0	0·2
28	Calm,	0	Calm,	0	S	0	SSE	0–1	S	0	N	0	N	0	N	0	N	0	Calm,	0	Calm,	0	S	0	0·2
29	SW	0	Calm,	0	Calm,	0	Calm,	0	N	0	Calm,	0	S	0	Calm,	0	Calm,	0	S	0	S	0–1	S	0	0·6
30	Calm,	0	SSE	0	Calm,	0	E	0	ENE	0	E	0	Calm,	0	E	0	Calm,	0	Calm,	0	SE	0	SSE	0	0·5
31	NE	0	S	0	Calm,	0	Calm,	0	W	0–1	N	1	N	0–1	N	0–1	N	0	N	0–1	N	1	N	1	0·3
MEANS		1·50		1·61		1·63		1·44		1·53		1·58		1·56		1·65		1·71		1·68		1·68		1·79	1·79

DIRECTION AND FORCE OF WIND (0–12). AUGUST 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	0–1	Var.	0–1	SW	0	SE	0	Var.	0–1	Var.	0–1	Calm,	0	Calm,	0	NNW	0	Calm,	0	N	0	NNW	0	0·6
2	SE	0–1	Calm,	0	N	0	Calm,	0	N	0–1	NE	0–1	N	0	WNW	0	Calm,	0	S	0	S	0–1	W	0	0·3
3	N	1–2	N	2	N	3	N	3–4	N	2–4	NE	2	NNE	3–4	NE	3–5	NNE	3–4	N	1–4	NNE	2–4	NNE	3–4	1·7
4	ENE	2	N	0	N	0	N	1	ENE	0–1	N	0	N	1–2	NE	1–2	NE	1	NNE	1	NE	0–1	ENE	2	1·8
5	E	0–1	ENE	1–2	NE	2	NNE	2	ENE	0–1	NE	0	NE	0–1	ENE	1	NE	2	NE	1–2	ENE	1	E	2	1·3
6	ESE	3	E	2	E	1–2	ESE	2	E	0	E	0	E	0–1	E	0–1	E	1	E	1	E	0–1	Calm,	0	1·9
7	Calm,	0	Calm,	0	N	1	N	1	E	0	SW	1	SE	0	Var.	0	SE	0	S	0	N	0–1	NNE	1–2	0·3
8	SSE	0	S	0	SW	0–1	WSW	0–1	WSW	0–1	SW	2	S	2–3	SSE	2	SSE	2	S	2–3	S	2–3	S	3	1·3
9	SSE	8	SE	6–7	SE	7	SE	5–6	S	5–6	SE	5–7	SSE	8	SE	8	SE	8	SSE	6–8	SW	4–6	SW	4–6	6·1
10	S	4–5	S	2	SE	4–5	SW	3–5	SW	3–5	WSW	3	W	2–4	WNW	1	W	0–1	W	0–1	N	1–2	NNW	2–3	3·2
11	NW	1–2	NNW	1	W	1–3	SE	1–2	N	1–2	NW	1–2	NW	1–2	NW	1–2	NW	1–2	N	2–3	W	0–1	NNW	0–1	1·7
12	E	1–3	NE	2–3	NE	3	N	3	N	3	N	4–5	N	5–7	N	4	N	4–6	N	1–5	N	2–4	N	1–3	2·4
13	N	2–4	N	2–4	N	5	N	3–4	NE	1–3	N	2–5	SE	2	NE	2–3	NE	1–3	Var.	1	Var.	1–2	N	2–3	2·7
14	NW	0–1	N	2	Var.	1	NNE	1–2	Var.	0–1	N	1–2	NE	0–1	W	0	NE	1	W	3	W	3	W	2–3	1·4
15	SW	0–1	SW	2	Var.	0	SSW	1–2	SW	2–3	SW	4	SW	3–4	SW	3	W	3–4	WSW	3	SW	3	W	3	2·2
16	WNW	1–2	WSW	2	NNW	2	NW	1	N	1–3	NE	1–2	N	0–1	N	1–2	NNE	1–2	Var.	0–1	NNE	2–3	E	1–2	2·0
17	NNW	1–3	N	3	N	3	N	2–4	N	2	NNW	3–4	N	4	N	3–4	NNE	3–4	N	3–4	N	1–3	N	1–3	3·0
18	NNW	1	N	2	N	2–3	N	1–2	N	0–1	N	0–1	N	1–2	N	0–1	N	1	NE	0–1	N	1	N	1	1·4
19	NE	1	NE	1	NNE	0–2	N	0–1	NNE	2–3	NNE	4	N	5–6	N	4–5	NNE	3–5	N	3	NNE	2–3	N	2–4	2·2
20	ESE	2	ESE	1–2	ESE	1	E	0	NE	0–1	NE	0	ESE	0–1	Calm,	0	N	1	N	3	N	3	N	2–3	2·4
21	NE	1–4	N	1–2	N	2–4	N	2–4	E	2–3	N	1	N	2–3	N	2–4	NNW	2–3	NNE	2–3	N	3–4	N	1–3	3·3
22	N	1–2	NE	0	N	1	N	0–2	N	1–3	N	0–2	N	2–3	N	2	N	1–2	N	1–2	N	1	N	1	2·3
23	NNE	0	S	0	NE	0	NE	0	Calm,	0	Calm,	0	N	0	NE	0	NE	0	N	0	N	0	Calm,	0	0·4
24	S	0	Calm,	0	Calm,	0	N	0	N	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SE	0	SSE	0	0·1
25	ESE	1	SE	1	Calm,	0	SE	1	SE	0–1	SE	1–2	SE	1	SE	1	SE	1–2	SE	2	SE	1	SE	1	1·0
26	E	1	ESE	1	Var.	0	E	0	E	0–1	ESE	0–1	N	0–1	E	1	S	2	ESE	2	E	2	E	3	0·8
27	SE	2–3	ESE	3–4	E	3	ESE	4	SE	3	ESE	3	ESE	3–4	ESE	4–5	ESE	4	ESE	4	ESE	4–5	SE	5	3·5
28	SE	1–2	SE	1–2	ESE	3	ESE	3	SE	1	SE	1–2	SE	1	ESE	2	ESE	2	E	1–2	E	0	SE	0	2·6
29	N	0–1	Calm,	0	N	0–1	NE	0	N	0	Var.	0–1	N	0–1	N	1	N	1–2	N	0	N	0–1	N	1	0·7
30	W	0–1	Var.	0–1	W	0	Calm,	0	N	0	W	0	W	0–1	WSW	0–1	NW	0	Calm,	0	Calm,	0	ESE	0	0·3
31	S	1	Calm,	0	Calm,	0	Calm,	0	NNW	0–1	Calm,	0	SE	1	SE	1	SE	1	SE	1	S	0–1	Calm,	0	0·4
MEANS		1·53		1·40		1·63		1·56		1·36		1·56		1·86		1·77		1·86		1·73		1·61		1·71	1·78

Direction and Force of Wind (0–12). SEPTEMBER 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	WNW	1	NW	0–1	N	0–1	N	0	N	0	Calm,	0	Calm,	0	SE	0–1	SE	0–1	SE	1	SE	1–2	SE	1–2
2	SE	3–4	SE	3	SE	3–4	SE	4	SE	4	SE	3–4	SE	5–6	ESE	5–6	SE	5–6	SSE	6	SSE	6–7	SE	8
3	SE	5	S	4–5	SSE	4–5	S	4–5	SSE	2–4	SE	3	SE	2	SE	2–3	SSE	2	SE	2–3	SE	2–4	SE	1–3
4	SSE	2	SE	3–4	SE	3–4	SSE	3	SSE	3–4	SSE	1–3	SE	1–3	SSE	2–4	SE	2–4	SE	3–5	SSE	2–5	SE	4–5
5	SSE	3	S	3	S	2–3	SSE	2	SSE	2–3	S	2	SSE	2	SSE	2	SE	2	SSE	1–2	SSE	1	S	1
6	Calm,	0	Calm,	0	W	0–1	WNW	2	W	1–2	W	0–1	W	0–1	WNW	0–1	W	0–1	W	0–1	W	0–1	WNW	1
7	SE	2	SE	2	SSE	2	SE	2	SSE	2	S	2	S	2	S	1–2	S	1–2	SSE	2	S	2	SE	2
8	S	2	S	2–3	S	3–4	S	3–4	S	3	S	2–3	S	3	S	1–3	S	2–4	S	3–4	SW	2–4	S	3–5
9	W	1–2	W	1–2	W	2–3	WNW	1–2	W	0–1	W	2–3	SW	3	W	1–3	W	2–3	W	2–3	W	2–4	WNW	2
10	W	2–3	N	2–4	N	1–4	N	1–3	WNW	2–4	N	1–3	WNW	1–3	W	2–3	W	1–3	W	2	NW	1–2	W	3
11	W	1–2	W	1–2	NW	0	NW	0–1	NNW	0–1	W	2	WSW	2	WNW	0–1	NW	0–1	WNW	0–1	Var.	0–1	N	0–2
12	SW	3–5	SSE	4–6	S	5–6	SE	5–7	SE	6	SSE	7	SSE	5–7	S	5–6	S	5–6	SSW	4–5	SSW	3–5	WSW	2–5
13	N	2–4	NW	2–5	N	2–5	NW	1–4	NNW	2–5	NW	2–5	N	3–5	W	4–7	W	4–6	NW	4–5	WNW	4–6	W	3–5
14	W	2–4	W	2–5	W	1–4	NW	3–5	WNW	2–4	W	4	WNW	2–4	NW	3–4	W	2–3	WSW	3–4	SW	3–4	SW	3
15	WSW	3	SW	3–4	SW	3–4	W	2–3	SSW	2–3	SSW	1–2	SSE	3	S	3	SSE	2–3	SSE	1–2	S	0	Var.	0
16	WSW	3	SW	3–4	SW	2–5	SW	2–5	W	2–4	WSW	2–4	WSW	3–5	WSW	3–5	Var.	2–3	W	1–2	W	2–3	NW	3
17	NW	0–1	NW	2	W	2–3	NW	0–1	SSW	1	NNW	2	W	0–1	NW	0	NNW	0–1	NW	0–1	SE	0–1	W	0
18	Calm,	0	NW	0–1	NW	1	NW	0	WNW	0	WSW	0–1	S	0–1	SSE	0–1	SE	1	SSE	1–2	SSW	2	SW	1
19	SE	6–7	S	3–7	SSE	4–7	S	6–8	S	6–8	SW	6–7	WSW	5–8	W	4–7	W	4–5	Var.	0–1	N	2–4	W	3–5
20	Var.	1–3	NW	2–4	NW	3–5	NW	2–4	N	2–4	NW	2–3	NW	2–3	NNW	2–3	WSW	3	W	2–3	W	1–3	WSW	3
21	N	4–6	E	1–3	E	2	E	1–3	NE	2–4	ENE	2–4	E	2–3	ESE	2	N	1–2	E	0–1	WNW	1–2	WNW	1–2
22	W	1–3	W	2–4	W	4	WSW	3–5	WSW	3	SW	3	WSW	3–4	W	2	W	3–4	W	4	W	2–4	W	3–4
23	W	2	NW	2–3	W	1–2	NNW	2	NW	1–3	N	2–3	N	2–4	N	2–4	N	2–4	NW	1–3	NW	2–3	N	2–3
24	E	2	Var.	0	E	1	E	0–1	NNE	2	NNE	2–3	ENE	2	NE	2–3	NE	2	NE	1–2	ESE	1–2	N	1–2
25	NE	2–3	Var.	1–2	N	2–3	NE	0–1	N	0–1	SE	0–1	E	2	SE	1	N	3	E	0–2	E	1–2	E	0–1
26	NE	0–1	N	1	NE	1–2	NE	1–2	N	2–3	N	0–1	N	2–4	N	2–4	N	3–5	N	4–5	N	2–5	Var.	2–5
27	N	1–2	N	1–2	N	1	N	1	N	0–1	N	0	N	0	N	0	N	0	NW	0	Calm,	0	Calm,	0
28	SW	2	SW	2–3	SW	3–4	SW	3–4	SW	3	SSW	3	S	3–4	SW	2–3	S	3	S	4	S	3–4	SW	3
29	NE	1	Var.	0	Var.	0–1	ENE	1	N	0–1	SE	0–1	N	1–2	S	0–1	NE	0–1	N	0–1	NW	0–1	N	1–2
30	SSE	5	SSE	5	SE	6–7	SE	8–9	SE	9–10	SE	11	S	8–9	SSE	8	SW	5	SW	3–5	W	2–4	W	3
31																								
Means		2·42		2·48		2·70		2·62		2·62		2·63		2·78		2·57		2·53		2·28		2·30		2·40

Direction and Force of Wind (0–12). OCTOBER 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	WSW	3	SW	1–3	W	2–3	NW	2	NNW	0–1	N	1–2	NE	2–3	N	3	NNE	3	NE	3–4	E	4	N	3–5
2	WNW	3	W	4	NW	3–4	NW	3	NW	3	WNW	3	W	2–4	W	3–4	W	3–4	SW	3–4	NW	2–4	W	3–5
3	N	1	N	0–2	Var.	2	NE	2–4	Var.	2–3	N	1–3	N	2–4	NNW	0–2	N	1–3	N	2–3	N	1–3	NW	2
4	W	1–3	NW	2	W	2–4	SW	3	SW	3	SW	3	W	3	WSW	2–4	SSW	2–4	SW	4–5	S	5	SW	5
5	NW	2–3	W	1	NW	1	WNW	2–3	N	2–3	N	3–4	NW	1–3	WNW	2	NNW	2	N	1–2	N	1–2	WNW	1–2
6	N	1–2	Var.	1	N	2–3	NNE	1–3	N	1–2	N	0–1	NNE	1–2	N	0–1	SW	0–1	NW	0–1	W	0–2	WNW	0–1
7	N	4–5	N	4	N	4	N	4	N	2–3	N	3	N	3–4	N	2–3	N	3	N	3	NE	2	N	2–3
8	SW	4	S	4–5	S	5	SSE	5	SE	5–6	SE	4–5	SSE	3–4	S	3	NNW	1	NW	0–2	W	1–2	W	0–2
9	NNE	3	NE	1–3	NNE	3	N	2	N	0–1	ENE	0	Var.	0–1	Var.	0–1	N	2	NE	0–1	N	2	N	1
10	N	4–5	N	4–6	N	5–7	N	5–7	NNE	4	N	6	N	6–8	N	7	N	6–8	N	5–7	N	5–7	NNE	4–5
11	N	2	N	1–2	N	2–3	N	1	NW	2	W	2	W	2	W	1–2	NW	1	NE	2	N	2	NE	1–2
12	NE	2–4	NNE	3–5	N	5	NE	4	N	3–4	N	3–4	NE	4–5	N	5–7	N	7	N	5–7	E	2–4	N	2–4
13	NE	2–4	NE	4–6	E	3–4	NE	3–5	NE	2–5	ENE	2–5	E	3–5	NE	3–5	ENE	4–5	NNE	3–5	ENE	4–6	N	5
14	E	3–4	E	4	NE	3–5	NE	3–5	N	3–5	N	7	N	5–7	NE	4–7	NNE	6–7	NE	4–6	N	3–6	NNE	4–6
15	NNE	4	NNE	4	NNE	3–4	N	3	NNE	2–3	N	2	N	1–2	NE	0–2	E	2	E	2–3	E	2–3	ESE	2–3
16	ESE	4–5	ESE	2–3	E	3–5	E	1–3	E	3	E	1–3	E	4	E	4	E	4	E	1–3	E	4	E	4
17	SE	4	SE	4	SE	3–4	SE	2	Calm,	0	Calm,	0	N	0–1	N	1–2	N	2	N	2	N	1–2	N	0–1
18	N	0–1	NE	0–1	E	1	E	0	E	1	ESE	2–3	E	1–2	ESE	0–1	E	0–1	E	0–1	Calm,	0	Calm,	0
19	N	2–3	N	3	N	0–1	N	2–3	N	3	N	3	N	3–4	N	3–4	N	4	N	4	N	4	N	2
20	N	1	N	1	N	1–2	N	1	N	2	N	0–1	N	0–1	N	0–1	N	0	NW	0–1	N	0–1	Calm,	0
21	Calm,	0	ESE	1	NNE	0	E	1	E	2	E	1–2	E	0–1	E	0–2	E	2	E	2–3	E	2	E	1–2
22	Calm,	0	N	0	N	0	NE	0	NE	0–1	E	1	E	0	E	1	E	1	E	1–2	E	1–2	ESE	1
23	SE	3	SE	2	SSE	2	SE	2	E	0	E	1	E	1–2	ESE	2	E	2	E	2	E	2–3	E	2–3
24	SE	2–3	E	0–1	Var.	0–1	ESE	2–3	ESE	3	ESE	3	ESE	3	ESE	2–3	E	4	ESE	3–4	ESE	3	ESE	2–3
25	NW	0	WNW	1	SW	2	SW	2	SW	2	SW	2	SW	2	SSW	2–3	SW	2–3	SSW	3	S	3	S	2–3
26	W	2–4	NNW	2–4	W	3–4	NW	3	N	1–3	NE	2–3	E	1	N	2–3	E	2–3	Var.	1–3	NNE	1–2	NNE	2–3
27	N	1–3	N	1–3	N	1–3	N	2	N	2	NNE	2–3	NNW	1–2	NW	0–1	N	2	NE	1–3	NW	1–3	N	1–3
28	NE	1–3	N	1–3	N	1–3	NW	2–3	NNW	2–3	NE	1–2	E	1–2	N	1–3	N	1–2	NNW	2–3	N	1–3	NE	1–3
29	NNE	2–4	NNE	3–6	NE	2–5	NNE	2–5	N	3–6	N	4–6	N	3–5	N	3–6	NNE	3–5	N	4–5	N	3–5	N	2–4
30	ESE	7	SE	7–8	SE	7–8	SE	7–8	SE	7–8	SE	8	SE	8	SE	8	SE	8–9	SE	9–10	SE	8	SE	9–10
31	SE	4	SE	4	SE	3–4	SE	3	ESE	3	ESE	0	Var.	0–1	E	1	E	2	ESE	2	SE	2–3	SE	2–3
Means		2·69		2·69		2·84		2·75		2·55		2·63		2·63		2·66		2·92		2·90		2·81		2·63

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	2-3	SE	1-2	S	1	SE	1	S	1-2	S	1-2	SSE	2-3	SE	3	SE	3	SE	3-4	SE	3-4	SE	4	1·5
2	SE	7-8	SE	7-9	ESE	7-8	ESE	8	ESE	8-9	ESE	7-9	E	7-8	SE	8-9	SE	8-9	ESE	7-8	SE	6-7	SE	6	6·3
3	SSE	1-2	SSE	1-2	SW	2-3	S	2	S	0-1	SSW	0-1	S	1	S	2	S	2	S	1	S	3	SSE	3-4	2·5
4	S	4-5	S	2-3	S	2	S	1-3	S	2-3	S	2-3	S	2	S	2-3	S	2-3	S	1-2	S	1-2	SSE	2-3	2·7
5	S	1	S	1	SSW	0-1	SW	0-1	S	0-1	SW	0	SE	0-1	Calm,	0	NW	0	Calm,	0	Calm,	0	Calm,	0	1·2
6	Var.	0	W	0-1	SW	0-1	Calm,	0	W	1	SW	1	SW	0-1	SSW	0-1	SSW	0-1	S	0	SSE	1	SE	1-2	0·6
7	S	2	SSE	2	SE	1	SE	0-1	SE	1	S	0	S	1	SSE	1	SSE	1	S	1	S	1-2	SSW	1-2	1·5
8	S	3-5	SSE	4	S	4-5	S	4-5	WSW	1-3	SSW	3	WSW	1-3	W	2	WSW	0-2	SW	1-2	SSW	1-3	SW	0-2	2·8
9	NW	2-3	W	2-4	W	2-3	W	2-3	W	3	NW	1-3	NW	2-4	W	3-4	NW	4	Var.	0-2	NW	1-3	WNW	2-4	2·4
10	W	2-3	SW	2-3	SW	1-3	SW	1-3	WSW	3	SW	2-3	WSW	2-3	W	1-2	WNW	1-2	W	0-2	WSW	1-2	WSW	1	2·1
11	NW	1-2	NW	1-2	W	2	NW	1	WNW	1-2	Var.	0-1	WNW	1-2	W	1-2	WSW	1-3	SW	2-3	WSW	2-4	SW	2-5	1·4
12	W	3-5	SSW	3-5	W	4-6	SE	6-7	WSW	5-7	SW	3-6	W	3-5	W	5-6	W	3-5	Var.	2-6	Var.	2-6	NW	3-7	5 0
13	W	3-5	NW	2-4	W	3-5	NW	3-4	W	3-5	N	3-5	W	3-5	NW	3-5	NW	2-4	NW	2-4	W	2-3	NW	2-5	3·8
14	SW	2-3	SSW	2	SSW	2-3	S	2-3	SSE	3	SSE	3	SSE	3	SW	1-3	SW	1-2	WSW	2	WSW	3	WSW	3-4	2·9
15	Calm,	0	NW	0	NW	0-1	WNW	1	WSW	1	Calm,	0	NNW	0-1	NW	1	W	1	SW	2	WSW	2-3	W	1-3	1·6
16	WNW	1-2	N	2-4	WNW	3-4	NW	2-3	WSW	3	NW	2-4	NW	2-3	WNW	1-2	WNW	1-2	NNW	1	NW	2	WNW	1	2·6
17	W	0-1	Calm,	0	Var.	0	N	0	NW	0-1	N	0	NW	1	NW	0	NNW	0	NNW	0	NW	0-1	NW	0	0·5
18	S	2	S	2	WSW	1	SSW	2	SW	2-3	SSW	2	S	3	S	3	S	3-4	SSW	4	S	3-4	SSE	5-6	1·8
19	W	2-4	WNW	2-4	N	1-5	SW	3-5	WNW	3-5	W	3-5	N	3-5	N	3-6	W	3-6	Var.	2-5	NNW	2-4	NNW	1-3	4·3
20	SW	3	S	3-4	S	3-4	SSE	3-4	S	3-4	S	3-4	N	0-1	N	2-3	NE	0-2	NNE	1-2	NE	4-5	NNE	5-6	2·9
21	WSW	1-3	NNW	2-3	NW	2-3	NW	1-2	WSW	2-3	WSW	3-4	SW	3-4	SW	4-5	SW	3-4	NW	1-3	NW	3-4	W	3-5	2·6
22	W	3-4	W	3-5	S	5-6	W	3-5	SW	4-5	S	5-6	S	5	W	3-6	WSW	4	W	2-4	WNW	1-3	NW	3	3·6
23	N	2	NW	1-3	N	2-3	E	2	N	2-3	NE	3	NE	1-2	NE	0-1	E	1-2	Var.	0-2	SW	0-1	N	1-2	2·0
24	N	1-2	E	1-2	N	2-3	N	3	N	3-4	N	2-4	NE	3-4	E	0-2	NE	1-2	N	1-3	NNE	2-3	Var.	0-1	1·9
25	E	1-2	N	2	N	0-1	NNE	2-3	E	0-2	N	2-3	NE	1-2	Var.	0	E	1	Var.	0-1	NE	1-2	NE	2	1·4
26	N	2-3	N	1-2	N	2-3	N	0-1	W	0	Var.	0	SSW	0	Calm,	0	N	2	ENE	0	N	1-2	N	1-2	1·7
27	SW	0-1	SW	1	SSW	1	SW	1	SW	1	SW	1-2	SW	2	SW	2	SW	2	SW	2	SW	2	SW	2-3	1·0
28	SW	3	S	3	SW	2-3	SW	3	W	2-3	W	2	W	2-3	W	1-3	WSW	2	SW	1-2	W	1-2	W	1-2	2·7
29	W	2	W	1	W	1-2	W	1	W	3	WSW	3	SW	3	SW	2-3	SW	3	SW	3	S	3-4	SSE	5	1·7
30	W	2-4	W	2-4	W	3	WSW	2-3	W	3-4	W	3-4	SW	3	WSW	2-4	WSW	2-4	SW	2-4	WSW	4	Var.	1-3	4·7
31																									
MEANS		2·38		2·33		2·43		2·35		2·55		2·43		2·40		2·33		2·32		1·97		2·45		2·63	2·46

DIRECTION AND FORCE OF WIND (0–12). OCTOBER 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	3-5	N	3-5	E	2-5	NE	4-5	E	2-4	N	2-4	N	3-4	NE	2-4	N	2-3	NNE	3	W	2-3	NNW	2-3	2·9
2	SW	3-4	WSW	4-6	SSW	5-6	S	6	S	7	SW	3-7	NW	2-5	NE	3-4	NE	1-3	NE	1-4	NE	2-4	Var.	1-3	3·7
3	NW	1-2	NW	2-4	W	2-3	NNW	1-2	NW	2-3	NW	0-2	WNW	1-3	W	2-3	NW	1-3	WNW	1-3	NW	2	W	2-3	2·0
4	SSW	5-7	S	4-6	SW	3-5	W	3-4	W	2-4	NW	1-2	SW	3-4	W	2-4	W	2	WNW	2-3	W	2-3	SW	2	3·2
5	NNW	0-1	NW	2	NE	2	Var.	0-2	NE	1-2	Var.	0-1	NNE	0-2	NE	2-3	N	1-2	NE	2	N	1-2	NNE	2	1·7
6	Var.	0	N	1	NNE	2-3	NNE	2	NE	0-1	N	3-4	N	2	N	4-5	N	2-4	N	3	N	4	N	3-4	1·8
7	N	2	N	2-4	N	1-3	N	3	NNE	1	NNE	0-1	N	1	WSW	2	WSW	2	SW	2-3	SW	3	SW	3-4	2·7
8	Var.	0-1	N	2-3	WSW	3-4	W	2	N	0	WNW	1	NW	0	WNW	2-3	WNW	2-3	NNW	2	N	3	N	3	2·6
9	E	0-1	N	1-2	N	3	NE	2	N	1	N	2-3	N	0	NNE	3-4	NNE	3	N	4	NE	4-6	NNE	6	2·0
10	NNE	4-5	N	4-6	N	1-3	NNE	1-3	ENE	1-3	N	2-3	N	2-3	NNE	2-4	N	1-3	NNE	1	SSW	1	N	0	4·0
11	N	0-1	SSW	1	Var.	0	NW	1-2	N	2	N	1	N	1	N	2-3	N	2-3	N	2-4	N	1-3	N	2-4	1·7
12	NNE	2-5	ENE	3-5	E	3-4	NE	3-5	N	2-4	E	2-4	ENE	2-5	NE	1-4	NE	1-4	NE	2-4	ENE	3-5	ENE	2-5	3·9
13	NE	2-5	E	2-4	E	2-4	NNE	3-5	N	2-5	NNE	2-4	N	5	NNE	6-7	N	6-7	N	3-6	E	3-4	E	3	4·1
14	N	3-5	N	3-6	N	3-5	N	3-5	N	2-4	N	3-5	NNE	2-4	NE	5	NNE	4-6	NNE	3-5	NNE	3	NE	4-6	4·5
15	E	3	E	3-4	E	3	SE	3-4	ESE	3	E	3	SE	2-3	ESE	4	ESE	5	SE	5	SE	5	ESE	5	3·2
16	E	5	E	5	ESE	5	ESE	5-6	E	4	E	5	E	3-5	ESE	3-5	ESE	4	E	4-5	ESE	5-6	SE	5	4·0
17	NW	0	NNW	0-1	NW	1	N	1	N	0	S	0	ESE	1	ESE	1	ESE	1-2	SE	2	SE	2	ESE	2	1·4
18	N	0-1	WSW	0-1	WSW	1-2	NW	1-2	N	1-2	N	2	N	1	N	2-3	NNE	2	N	2	N	2-3	N	2-3	1·2
19	NNE	1	N	3	N	2	N	1-2	N	3	N	1-3	N	1-2	N	2	N	1-2	N	2	N	0-1	N	1	2·4
20	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	N	0-1	Calm,	0	Calm,	0	Calm,	0	E	0	Var.	0	E	0-1	0·4
21	E	0-1	Calm,	0	Calm,	0	NE	0-1	N	0-1	Calm,	0	Calm,	0	E	0	Calm,	0	Calm,	0	N	0	N	0	0·7
22	ESE	2	ESE	2	SE	2	ESE	2	E	2-3	E	2-3	E	3-4	SE	3	SE	3	SE	2-3	SE	2-3	SE	2	1·5
23	ESE	3	ESE	3	ESE	3	SE	3	SE	3	ESE	3	E	2-3	SE	3	SE	3	E	3	ESE	3	ESE	3	2·4
24	E	2	SE	1	E	1	Calm,	0	N	0-1	Calm,	0	E	1	SW	0	NW	0-1	NNW	0	Calm,	0	N	0	1·5
25	S	3	SSE	3-4	S	3-4	S	4	S	3-4	SW	3	S	3	SW	3-4	SW	2-3	WSW	3	WSW	2-3	SW	3-4	2·6
26	NE	1-3	NE	2-3	E	2	N	1-3	NE	2-3	N	1-3	N	1-3	NE	2	NE	1-3	NW	1-3	N	2	NE	1-3	2·2
27	NNW	2-3	NE	2-3	N	2-4	N	2-4	Var.	1-2	NNW	1-2	N	0-2	N	1-3	N	2-3	N	2-4	N	2-3	NE	2-4	2·1
28	N	2-3	N	2	NE	2	N	1-3	N	2-4	NNW	2-3	N	2-3	NE	2-3	NE	2	NNE	1-3	NE	2-3	N	2-5	2.2
29	Var.	0-3	N	1-2	E	2	E	2	E	2	E	3	ESE	4	ESE	4	SE	5	ESE	5-6	ESE	6	ESE	7	3·8
30	SE	9-10	SE	9-10	SE	9-10	SE	9	SE	9	SE	8-9	SE	8	SE	7	SE	6	SE	6	SE	5-6	SE	4-5	7·9
31	SE	2	S	2	S	2	SSW	1-2	SSW	0-1	NW	0-1	N	0-1	NNE	1	N	0-1	N	1	NW	2	WNW	2	1·8
MEANS		2·40		2·79		2·69		2·67		2·35		2·28		2·23		2·84		2·58		2·66		2·71		2·84	2·65

Direction and Force of Wind (0–12). NOVEMBER 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NNW	1–2	NW	2	W	2	W	3	W	3	W	3	W	3	NW	2–3	NW	1–2	WNW	2–3	N	1–2	WNW	3
2	WNW	2–3	NW	3	NW	1–3	NW	3	W	2–3	WNW	3	WNW	2–4	WNW	2–4	WNW	2–3	SW	3–4	W	3	SW	3
3	SSW	3–4	SSW	3–4	S	4	SSW	5	SW	4–5	SW	3–6	SW	4–6	WSW	2–5	WSW	4–6	W	3–5	SW	3–6	W	4–6
4	N	1	N	1–2	NW	1–2	NW	0–2	NW	2–3	WNW	3	WNW	2–3	WSW	2–3	SSW	3–4	SW	2–4	SW	3–4	W	2–4
5	WNW	1–2	WSW	2	SW	1–2	W	2–3	WSW	2	W	1–2	SSW	2–3	W	0–2	W	0–1	N	1–2	N	2–3	N	1–3
6	N	0–1	Var.	0–1	NW	1	Var.	0–1	WSW	1–2	SW	1–2	S	2–3	SSW	3	S	3–4	SSE	3–4	S	3–4	S	3–4
7	WSW	3–5	WSW	2–6	SW	4–6	SW	1–4	SSW	4–5	WSW	3–5	SW	2–3	W	3–4	W	2–4	W	3	SW	2–4	SW	1–4
8	SSW	2–3	SSW	2–3	S	4	S	3–4	S	4–5	S	3–5	S	3–4	S	4–5	S	4	S	4	S	4–5	S	4
9	SSE	4–5	SE	4	S	3–4	SE	3	SSE	4	SSE	4	SSE	4–5	S	4	S	4	S	4–5	SSE	4	SSE	3–4
10	S	2–3	S	2	S	2	S	2	S	3	S	2–3	S	2–3	SSE	2	SE	3	SSE	2–3	SSE	3	S	3–4
11	SE	3	SSE	4	SE	4	SE	3–4	SE	3–4	SE	3–4	SE	4	SE	4	SSE	4	SSE	4	SSE	4	SSE	4
12	SW	2	SW	2	W	1–2	WSW	1	W	1–2	W	1	SW	2	WSW	2	SW	2	SW	2	SW	2	SW	2
13	SW	4–5	W	2–5	WSW	2–6	SW	5–6	WNW	2–4	NW	2–4	Var.	1–4	W	2–4	NW	3–4	W	2–4	NW	2–4	WNW	2–4
14	NE	1	NNE	1–2	E	0–1	E	1	ENE	1–2	N	1	ESE	1	E	0–2	N	0–2	Var.	1–2	SE	0–3	ESE	1
15	N	3	N	3	N	1–3	N	1–3	NNE	1–3	N	2–4	N	3–4	NNE	3–4	N	2	Calm,	0	NE	0–1	E	0–1
16	S	3	SSW	3	S	3–4	SSW	3–4	S	3	S	3	S	3–4	S	3	S	3–4	S	3–4	S	4	S	3–4
17	SSW	4	SSW	3–4	SSW	3	SW	3	SSW	3–4	SSW	4	SSW	4	SW	2–3	SW	3	W	2–4	WSW	3	WSW	3
18	SW	2–3	SW	1–2	SW	1–2	SW	1–2	WSW	0–1	W	0	Calm,	0	Calm,	0	N	1–2	N	1	N	1	E	0
19	SE	3–4	SE	3	ESE	3	ESE	3	ESE	1	ESE	2	E	2–3	ESE	2–3	ESE	2	SE	3	ESE	4	ESE	4
20	SE	5–6	SE	5	SE	5–6	SE	5	ESE	3	SE	4	E	3–4	ESE	4	ESE	4	ESE	4–5	ESE	4	SE	4–5
21	SSE	3	SSE	3–4	S	4	S	3–4	SSE	3–4	SSE	3–4	SSE	3	S	3–4	SSE	3–4	SSE	4	SSE	3	SSE	4
22	E	1	E	1–2	E	0–1	E	0–1	NNE	1–2	N	1–2	E	1	E	1	E	2	ESE	2	E	1	E	1
23	SE	2–3	SE	3	SE	3	SE	3	E	4–5	E	2	E	3	ESE	3	ESE	3–4	ESE	3	ESE	4	E	4
24	SE	3–5	SE	4–5	ESE	4–6	SE	5	E	2	ESE	5	E	6–7	E	6	ESE	6	ESE	6	E	5	ESE	5–6
25	SE	7	SE	6–7	ESE	6–7	ESE	7–8	ESE	7	ESE	7–8	ESE	7	ESE	7–8	E	7–8	ESE	6–7	E	7	ESE	5–7
26	SE	7–8	SE	8	ESE	8	ESE	8	ESE	8	SE	8	ESE	8–9	ESE	9–10	ESE	9	SE	9–10	ESE	10	ESE	10
27	SE	9–10	SE	9–10	SE	9	SE	6–8	SE	7	SE	6–8	ESE	7	SE	6	SSW	2–4	SW	2–3	W	2–4	WSW	3–5
28	SW	2–3	S	2–3	SE	3	SE	3	ESE	3–4	E	2–3	NE	1–2	N	2	N	3	Var.	1–3	SE	1–3	ESE	1–3
29	NW	1–2	WNW	2–3	W	3	SW	3	SSW	3	SSW	3	SSW	3–4	SSW	3	SSE	3–4	SSE	3–4	SE	5	SE	5–6
30	N	1–4	N	2–3	NW	3	N	1–4	W	1–2	W	2–3	WNW	1–3	WNW	2–3	NW	1–2	NW	2–3	NW	2–3	WNW	2–4
31																								
Means		3·23		3·30		3·33		3·27		3·20		3·27		3·37		3·30		3·30		3·30		3·42		3·43

Direction and Force of Wind (0–12). DECEMBER 1885.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	N	1–3	NW	1–3	N	2–4	N	2–3	N	1–3	N	1–3	N	1–3	ENE	1–3	NE	2–3	N	2–4	N	1–2	N	1–3
2	W	2–5	W	2–4	W	2–4	WSW	3–5	W	2–4	W	2–4	WSW	2–4	WSW	3–5	SSW	5–7	SW	5–7	SW	5–7	SW	6–8
3	W	2	W	3–4	W	1–3	WNW	3	WSW	2–4	WSW	2–4	WNW	2–4	NW	2–4	WNW	2–4	W	2–4	W	2–4	W	2–4
4	SSW	6–8	SSW	7–8	SW	6–7	SSW	4–6	SW	3–5	SW	2–5	W	3–6	Var.	2–6	N	3–6	N	4–7	N	3–7	N	5–8
5	NE	3–4	NNE	2–4	NNE	4	NNE	3–4	NNE	2–3	NE	2	NE	2	NE	2	NE	2	NE	2	NE	0–1	N	1–2
6	NNE	2	N	2–3	N	2–3	N	3	NE	1–3	NNE	1–3	N	3–4	N	3–4	NNE	2–4	NNE	2–3	NNE	1–3	NNE	2–4
7	N	3	N	1–3	NNE	2	E	2	NE	1–2	NE	1–2	NE	1–2	NE	2–3	NNE	1–3	NE	2–3	NNE	2–3	NNE	2–3
8	N	1	NNE	1–2	ENE	2	NNE	1–2	N	2–3	N	2–4	NNE	1–3	NE	2–3	ENE	2–3	ENE	2	E	2–3	NNE	2–3
9	N	4	NNE	4	NE	3–4	NE	1–4	N	2–4	N	3–4	N	2–3	N	2–3	ENE	2–4	ENE	2–4	NNE	2–4	NNE	1–2
10	NNE	4	NE	2	NNE	1–3	N	3–4	N	3	N	2–3	N	3–4	N	2–3	N	2	NNE	1–2	N	1	N	2
11	N	2	NW	3	N	2–3	NNW	2–3	NW	2–3	WNW	3	NW	2–3	NNW	2–3	W	3	WSW	2–3	W	3	W	2–3
12	WNW	3–5	WNW	2–4	NW	2–5	WNW	3–5	WSW	3	W	2–4	NW	2–4	W	2–4	W	3–4	W	2–4	W	3–5	W	2–4
13	NW	3–5	NW	3–5	NW	2–5	NW	3–6	WNW	3–4	NW	2–4	WNW	3–4	WNW	3–4	W	3–4	WNW	3–5	W	2–5	WNW	2–5
14	W	4	WNW	2–3	WNW	4	W	5	W	3	W	3	SW	2–3	WSW	3	W	3	W	2–3	W	0–3	WSW	2–3
15	WSW	3	SW	2–3	SW	3	SW	2–3	SSW	2–3	SSW	2–3	SW	3	W	2	SW	2	SW	2	SW	2	SSW	2–3
16	SW	5	SW	5	SW	4–5	SW	5	SW	4	SW	3–4	SSW	3–5	SW	4	SW	3–4	SW	2–4	SW	3–5	WSW	3–5
17	NW	5	NW	3–4	NW	2–4	N	3	NW	3–4	NNW	3	NW	2–3	WNW	4	NW	3	NW	4–5	NW	3–5	NW	4
18	W	4	W	4	W	3	W	2–3	SW	2–3	SW	2–3	SW	2–3	SW	3	SW	3–4	SSW	3	S	3–4	S	3
19	S	5	S	5	S	5	S	5–6	S	5–6	S	6	S	5	S	5	S	4–5	SSE	5	S	5–6	S	5
20	S	3–4	S	3	S	4	S	3–4	S	3	S	4	SSW	4	SW	3	S	3–4	SSW	4	S	2–3	SSW	2
21	Calm,	0	Calm,	0	Calm,	0	NNE	0–1	SE	1	SE	0–1	SE	1–2	ESE	2	SE	2–3	SE	2	ESE	1	ESE	1–2
22	N	3–4	N	3–4	N	3–4	N	4	N	3	Var.	0	Var.	0–2	E	0–2	NE	0–1	ENE	1–2	NE	1–2	ENE	1–2
23	NE	0–1	NW	2	NNW	2	NW	2–3	W	3	WNW	2–3	W	2–3	W	3	W	3	WNW	2–3	W	2–4	WNW	0–2
24	WNW	2	NW	1–2	NW	1–2	N	2	NW	2–3	NW	2–3	NW	2–3	NNW	2–3	N	0–1	NNW	2–3	NNW	1–3	NW	2–3
25	W	5	W	4–5	W	4	W	3–4	WNW	2–3	WNW	2–3	N	2–3	N	1–3	N	2–3	ENE	1–3	N	1–3	E	2–3
26	N	3–4	NE	2–4	N	3	NNE	3	NNE	2–3	NE	2–3	ENE	1–3	NE	2–3	N	2–3	N	2–3	N	2–3	N	1–3
27	W	3–4	W	3	WNW	2–3	WNW	2–3	SW	3	W	2–3	WNW	1–3	WNW	1–3	W	1–3	N	1–3	W	1–3	W	2–3
28	WSW	5	WSW	4–6	SW	3–6	SW	4–6	SSW	4–7	SW	4–6	WSW	3–7	SW	5–8	WSW	4–8	NW	1–4	NW	2–4	Var.	2–4
29	NE	1–3	NE	1–2	NNE	2–4	NNE	1–3	NNE	2–5	NNE	2–4	ENE	2–4	N	2–4	NNE	2–4	N	3–5	NE	2–5	N	3–4
30	NNE	3–5	NNE	3–5	NNE	2–4	N	3–5	N	3–4	N	2–4	Var.	1–2	NW	1–2	NW	2–3	WSW	2–3	SW	4	SW	3–4
31	N	2–4	NNE	2	N	1–3	N	2–3	NE	1–3	NE	2–3	N	2–4	NE	2–3	N	2–4	N	2–4	Var.	1–3	Var.	1–3
Means		3·35		3·11		3·08		3·23		2·94		2·79		2·81		2·91		2·96		2·96		2·81		2·87

Direction and Force of Wind (0–12). NOVEMBER 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	2–3	NW	3	WNW	2–3	N	1–3	WNW	3	WNW	1–2	NW	2–3	NNW	1–2	NW	1–2	WNW	2	NW	3	NW	1–3	2·3
2	NW	3–4	SW	4	SSW	4–5	W	4–6	S	4	SSW	4–5	SSW	4–5	SSW	5	SSW	5–6	SW	3–6	SSW	4–5	WSW	2–4	3·6
3	SW	2–5	W	3–6	SW	3–6	WSW	2–4	WSW	2–4	WNW	2	NW	2	N	2	NNW	1	N	1	NW	1	WNW	1–2	3·4
4	WSW	2–4	SW	2–3	SSW	3–4	SW	2–4	SW	2–4	WNW	2–4	WSW	2–4	SW	2–4	WSW	1–4	W	3	W	1–3	W	1–2	2·6
5	N	3–4	N	2	N	1–2	N	2–3	NNW	1	N	0	NE	1–2	N	1	N	0	N	1	N	1	N	1–2	1·6
6	W	1–3	SW	1–3	SW	2–3	WSW	3	WSW	3–5	SW	3–4	SW	2–5	SSW	4	SW	3–5	SW	2–5	SW	2–4	W	3	2·6
7	SW	2–3	W	3	SW	3	SW	3	SW	2–3	SSW	2	SSW	1–2	SSW	3	SSW	3	SSW	3–4	SSW	4	S	3–4	3·2
8	S	4	SSE	3	S	3	SSW	3–4	S	3	S	4	S	3–4	S	4	S	4	S	4–5	SSE	4	SSE	4–5	3·8
9	S	3–4	S	2–3	S	2–3	S	3	S	3–4	S	3	SSE	3	S	2–3	S	3	S	3	S	2–3	S	2–3	3·4
10	S	4	SSW	1–2	S	2–3	S	3	S	3–4	SSE	4	SE	4	SSE	3	SSE	3	SSE	3–4	SSE	3–4	SE	3	2·9
11	S	3–4	S	3	S	3	S	2–3	S	2–3	S	2–3	S	2–3	SW	3	SSW	2–3	SW	2–3	SSW	2	SW	1–2	3·2
12	SW	2	SW	2	SW	2	SW	2–3	WSW	2	WSW	2	WSW	2	SW	2–3	SW	2–4	SW	3–4	WSW	1–4	WSW	2–4	2·1
13	NW	3–5	NW	1–3	NW	2–3	NW	2–4	W	2–4	NW	2–4	Var.	1–4	NE	2–4	NE	3–6	N	2–4	NE	2–3	NNE	2	3·2
14	E	0–2	NE	1–2	N	2	NE	2	NE	1	Var.	1–2	Var.	0–2	NE	1	NNE	1–3	N	2–3	N	1–3	N	1–3	1·4
15	E	1	SE	1	S	2	S	2	S	1	S	1	S	1	S	2	S	2	S	2–3	S	3	S	3	1·9
16	S	3–4	SSW	3–4	SSW	3–4	SSW	4	SSW	3	WSW	2–3	SSW	3	S	4	SSW	3–4	SSW	3–4	S	4	SSW	4–5	3·4
17	WSW	2–3	SW	3	SW	3	WSW	2–3	WSW	2–3	W	2–3	SW	2–3	SW	2	SW	2–3	SW	2–3	SSW	2–3	SW	2	2·9
18	E	1	NE	1	NE	1–2	NE	1	E	0–1	E	1	ESE	1	E	1–2	E	0–1	SE	2	SE	2	SE	3	1·1
19	ESE	3–4	SE	4	SE	3–4	SE	3–4	SE	3–4	ESE	3–4	SE	3	SE	3–4	SE	4	SE	5	SE	5–6	SE	5	3·4
20	SE	4–5	SE	4–5	SE	4	SE	4–5	SE	4	SE	3–4	SE	4	S	4	S	3	S	3	S	4	SSE	3	4·1
21	SE	3	SE	2–3	SSE	2	SE	3	SE	2–3	SE	2	S	1–2	SE	0	NE	1	NE	0–1	NNE	0–1	E	1	2·5
22	E	1–2	ESE	1	ESE	1–2	ESE	1–2	E	2	E	0–1	E	2	E	0–1	E	1–2	ESE	1	ESE	2	ESE	2	1·3
23	ESE	4	SE	4	ESE	4–5	SE	4–5	ESE	4–5	ESE	4–5	E	4	SE	5	ESE	5	ESE	4–5	SE	4–5	SE	3–5	3·7
24	E	5–6	SE	6	SE	5–6	E	5–6	ESE	5–6	ESE	6	ESE	6	ESE	5–6	ESE	6–7	ESE	7	ESE	7	ESE	7	5·7
25	E	6–7	E	6	ESE	6–7	SE	6–7	ESE	6–8	E	7	E	7	ESE	6–7	ESE	7	SE	6–7	ESE	6–7	ESE	7	6·8
26	ESE	10–11	ESE	9–11	ESE	10	ESE	10	ESE	10–11	ESE	10–11	ESE	10–11	ESE	10–11	ESE	10–11	ESE	10–11	SE	10–11	SE	9–11	9·5
27	WNW	3–5	WNW	2–4	NW	3–4	NW	2–4	WNW	2–4	W	3–4	NW	2–4	W	2–4	W	2–4	W	2–3	SW	1–4	SW	2	4·6
28	E	1–3	NE	2–4	N	4	NNE	3–4	N	2–4	N	2–4	N	2–4	N	2–4	N	1–3	NNE	0–2	N	1–2	N	2	2·5
29	SSE	4	SE	3–4	SSE	4	SSE	4	SW	3–4	S	4	WSW	3–4	N	1–3	NW	1–3	NNW	2	NW	2–3	NW	1–3	3·2
30	NW	2–4	N	2–3	NNW	2–3	N	1–3	NW	2–3	NW	2–4	NW	1–3	NW	2–3	NW	2–3	NNW	1–3	NW	0–3	NW	2–3	2·4
31																									
Means		3·42		3·17		3·37		3·40		3·25		3·15		3·13		3·13		3·20		3·23		3·25		3·15	3·28

Direction and Force of Wind (0–12). DECEMBER 1885.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	2–3	N	1–3	NW	2–3	NW	2–3	NW	2–3	W	1–3	NW	2–3	NW	2–3	NW	2–4	NW	2–4	NW	3–4	NW	3–5	2·5
2	SW	6–8	SW	4–7	WSW	3–5	W	2	W	2–4	N	1–3	NW	2–4	WNW	2–4	NW	2–4	W	1–3	NW	1–3	WSW	2–3	3·8
3	WSW	2–4	WSW	2–3	SW	3	SSW	3	SE	4–5	SSE	3–5	S	4–5	S	4–6	S	5–6	SSW	5–7	SSW	6–8	SW	6–8	3·7
4	N	3–7	NNE	3–4	NE	3	E	1–3	NE	2–4	ENE	2–4	NE	2–4	E	1	E	2	NNE	2–3	NNE	3	NNE	4	4·1
5	N	0–1	E	1–2	NNE	2	Calm,	0	N	0–1	NNE	0–1	NNE	1–2	NE	1	NNE	2	NNE	3	NE	1–3	NNE	2–3	1·9
6	NNE	2–4	NE	1–3	NE	2	NNE	2–3	NE	0–2	NNE	1–2	N	2–3	N	3	NNE	3	N	2–4	N	3	N	3	2·5
7	NNE	2–3	NE	3–4	NNE	3	NE	3	N	2–4	N	2–3	NNE	2–3	NNE	1–3	NE	2	NNE	1–2	NNE	2	NE	0–2	2·2
8	NNE	2–4	NNE	3	N	3	NE	2–3	NE	2–4	NE	2–3	NNE	2–4	NE	2–4	NE	2–4	NE	3–4	NNE	3–5	NNE	3	2·6
9	NNE	3–5	N	0–2	N	1–3	NE	2–3	NE	2–3	NE	2–3	ENE	2–3	NE	1–2	NE	3	NNE	2	NNE	1–3	NNE	3	2·7
10	N	2	NNE	2	N	2–3	NE	2–3	N	2	N	2	N	2–3	N	2	N	2	NNW	3	N	1–3	N	2–3	2·4
11	WNW	2–3	NW	2–3	NW	2	WNW	2–3	NW	2	NW	1–3	W	2–3	WNW	1–3	NW	1–3	WNW	2–3	W	1–3	W	2–3	2·4
12	NW	2–5	NW	3	W	2–5	W	2–4	NW	2–4	WNW	2–4	N	2–4	WNW	2–4	WNW	2–4	WNW	3–5	NW	3–5	WNW	3–5	3·3
13	WNW	2–4	WNW	3–4	W	3	NW	3–4	W	2–3	WNW	2–3	WNW	2–3	WNW	3	WNW	2–4	NW	3	WNW	2–4	NW	1–4	3·3
14	W	3	W	3	W	3	WNW	3	WNW	2–3	SW	2–3	SW	2–3	NW	2–4	W	3–4	NW	2–3	W	3–4	SW	3–4	3·0
15	SSW	3	SW	3–4	S	4	SW	5	SSW	3–4	SSW	3–4	S	3–4	SW	3	SSW	4	SW	3–4	SW	4–5	SW	4–5	3·1
16	W	2–5	NW	3–5	NW	4–5	NW	2–3	NW	2–4	WNW	2–4	W	2–4	NW	2–4	NNW	2–3	NNW	2–4	NNW	2–3	NW	4–5	3·7
17	NW	4	WNW	4	WNW	4–5	WNW	4	NW	2	WNW	3–4	WNW	3–4	WNW	4	WNW	3–4	W	3–4	W	3	WNW	3–4	3·6
18	S	3–4	SSW	4	S	5	SW	4–5	S	4–5	S	4–5	S	4–5	SSW	4	S	4	S	4	S	4	S	5	3·7
19	S	5	S	5	S	4–5	S	5	S	5	S	5	S	5–6	S	4–5	S	5	SSE	4–5	S	3	S	3–4	4·9
20	SW	3	SW	1–2	WSW	1	WSW	1	W	1–2	N	1	N	0	N	0	N	0	Calm,	0	Calm,	0	Calm,	0	2·0
21	N	1	N	1	NNE	1	N	1–2	NE	1	NNE	1–2	NNE	2	NNE	1–2	NNE	2–3	NNE	3	NNE	2–4	NNE	3–4	1·5
22	NE	0–2	N	3	NNE	2–3	NE	1–2	ENE	1–2	NNE	1	N	0–1	Calm,	0	N	1	N	0–1	N	1	N	1–3	1·7
23	W	3	W	3	W	3	W	3	WNW	2–3	W	2–3	W	2–3	W	3–4	W	3–4	W	3	WNW	1–3	WNW	2–4	2·6
24	NW	2–3	N	2–3	NNW	2–3	NW	2	N	2–3	NW	2–3	WNW	3–4	WNW	3	W	3–4	W	4	W	4	W	4–5	2·6
25	N	1–2	NNE	4–5	N	4	NNE	3–4	N	3	NE	1–3	N	2–3	N	3–4	N	3	N	3	N	3–4	N	3–4	3·0
26	N	2	N	2	N	2–3	N	1–2	N	2–3	NNW	2	WNW	3	NW	3	WNW	3	WNW	3	WNW	3	W	3–4	2·6
27	W	2–4	WNW	2–3	W	3	W	3–4	W	1–3	W	1–3	NNW	2–3	W	2–3	W	4	SW	4–5	W	4–6	WSW	5–6	2·9
28	NW	3–5	Var.	1–2	NNW	3	NW	2–3	W	1–3	NE	2–4	Var.	1–3	N	1–3	N	1–3	NE	2–4	NNE	1–3	NE	3–6	3·6
29	N	4	NNE	1–3	NNE	2–3	N	3	N	3	NE	2–4	N	3–5	N	2–4	NE	2–3	NE	2–4	NE	3–5	NE	2–4	3·0
30	NW	2–3	N	2–3	NE	1–3	Var.	1–3	NNW	2–3	N	1–3	NE	2–4	NE	2–3	ENE	3–5	ENE	4–6	ENE	2–5	NNE	3–5	3·0
31	N	2–4	N	2–3	N	3	NNE	3	NNW	2–3	NNW	2	N	1–3	N	1–3	N	2–4	N	1–3	N	2–4	N	2–4	2·5
Means		3·03		2·82		2·94		2·73		2·56		2·47		2·77		2·58		2·94		3·03		3·03		3·43	2·92

Direction and Force of Wind (0–12). JANUARY 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	N	1-4	N	1-3	N	1-3	N	1-4	NNW	2-4	N	2-4	NNW	1-3	NW	2-3	NNW	1-3	N	1-3	N	1-3	W	1-3
2	NE	1-3	ENE	1-2	N	2	N	2	N	2-3	N	1-2	N	1-3	N	1-3	N	2	N	2-3	N	2-3	N	1-3
3	W	3	SW	3	WNW	2-3	SW	5	SSW	4	SW	5-6	WSW	3-6	W	2-5	SW	4-6	W	2-5	WSW	3-6	WSW	3-6
4	N	1-4	W	2-4	NW	3-4	W	1-3	N	2-3	NNW	2-3	NE	2-4	W	3-4	WNW	2-4	NW	2-4	W	2-4	NW	1-4
5	NNE	2	ENE	1-2	NE	1-3	N	1	N	2-3	NE	2-3	N	1-3	N	2-3	N	2-3	N	1-3	N	2-4	N	4-6
6	NNE	3-5	N	3-5	N	3-5	N	3-5	N	1-4	N	3-4	N	4	N	3-5	NNE	3-4	N	2-4	NNE	4	N	4
7	WSW	3	SW	3	SW	3	SW	3	SW	2-3	SW	3-4	SW	3-4	SSW	3-4	SW	4	WSW	4	SW	2-5	SW	4-5
8	NE	2-5	N	3-7	NNE	3-5	NNE	4-6	N	3-5	N	2-5	N	4-6	NNE	4-7	NE	3-6	NE	3-6	NE	3-6	N	3-5
9	NE	4	NE	2-5	NE	3-4	N	2-4	E	2-4	Var.	1-2	E	2-3	Var.	1-3	E	1-2	E	1-2	E	1-2	NE	0-2
10	N	0	W	1	W	2	W	2	W	2	WSW	2-3	SSW	3	SSW	2-3	SW	2	WSW	2-3	W	2-3	W	2-3
11	ENE	1-3	E	1-2	E	2-3	ENE	2-4	NNE	2-4	NE	2-4	NE	3-5	ENE	2-5	NE	4	NE	2-4	ENE	3-4	NE	3-4
12	NNE	3-4	N	4-5	N	3	N	1	N	2-4	NNW	2-3	WNW	2-4	N	2-4	WNW	3-4	WNW	2-3	NNW	2-3	NNW	2-4
13	NW	3-5	NW	2-5	N	1-3	NNE	3-6	E	2-4	N	3-5	N	4-5	NNE	3-5	NNE	3-4	N	3-5	N	4-5	NE	3-5
14	E	1-3	E	3	E	2	E	3	N	2	N	0-1	N	2	NW	2	NW	3-4	WNW	3-4	SW	3-4	WSW	2-4
15	N	1-4	NW	2-5	NW	1-3	N	1-4	NNW	2-4	N	2-5	Var.	2-5	W	2-4	W	3-4	Var.	2-5	N	2-4	N	3-4
16	N	2-3	N	1-3	N	1-3	N	0-2	WNW	2-3	W	2-3	WNW	2-4	NW	1-3	N	1-3	W	2-3	WNW	2-3	W	1-3
17	Var.	0-2	NNE	3-4	N	1	N	1	NW	0	WNW	0-1	WSW	1-2	SSW	2-3	NW	2-3	W	2-3	NW	1-3	SW	2-3
18	Calm,	0	Calm,	0	Var.	0	NE	1	N	2	NNE	2	NNE	2	N	1-2	N	2	N	2	N	2	NNW	2
19	SE	2	ESE	3	Var.	1	NE	3	NNE	1-2	N	3-4	N	2-3	N	2-3	NE	2-3	N	2-3	N	3	N	3-4
20	ENE	2-3	E	1-2	NE	1-3	NNE	1-3	N	2-3	N	1-2	NE	0-2	E	2-3	ENE	2	E	3	NNE	1-3	E	2
21	NE	3-4	NNE	3-5	NE	2-4	NE	2-4	NNE	3	NNE	2-4	NE	3-4	NNE	4	NE	2-4	NNE	4	NNE	2-3	N	2-4
22	NE	3	NE	2	ENE	2-3	E	1	E	1-2	E	2	ESE	3	ESE	2-3	E	3-4	E	4	ESE	4	ESE	3-4
23	SE	2	E	1	NE	2	NE	3	N	1-2	NE	1-3	E	3-5	NE	2-4	NE	2-4	NNE	3-5	NNE	3-5	N	3-5
24	ENE	1-3	NE	2-3	NE	1-3	NE	2-4	NNE	2-4	E	1-4	ENE	2-4	NE	2-4	NE	3-4	NE	2-5	ENE	3-5	NE	2-5
25	E	3	E	4	ESE	5	ESE	5	ESE	4-5	ESE	4-5	ESE	4	ESE	3-4	ESE	4-5	ESE	3-5	E	2-3	ESE	2-4
26	ESE	3-7	ESE	4-8	E	3-6	ESE	5-8	ENE	3-5	E	3-4	NE	2-5	E	2-5	ENE	2-5	ESE	3-5	E	2-4	ENE	2-4
27	E	2-3	E	2-4	E	3-5	ESE	2-5	SE	4	SE	5	SE	4	SE	4-5	SE	5-6	ESE	4-5	SE	4-5	SE	5
28	SE	4-5	SE	4-5	SE	5	SE	5	SE	4-5	SE	4-5	SE	4	SE	4	SE	4	SE	4	SE	4	SSE	4
29	SSE	8-9	SSE	9	SSE	9-10	SSE	8-10	SE	7	SSE	7-8	SSE	6-8	SSE	7	SE	6-8	SE	6-7	SE	6-7	SSE	6
30	SW	3	SW	3	SW	4-5	SW	5	SW	4	SW	3-5	W	2-4	WSW	2-3	SW	3	WSW	2-3	SSW	3	SSW	3-4
31	W	3	NW	2-3	WNW	2	SW	3	SSW	2-3	NW	1-2	SW	0-1	Var.	0-1	NNW	1	NW	0-1	NNW	0-1	W	0-1
Means		2·86		3·06		2·90		3·18		2·92		2·98		3·19		3·10		3·24		3·19		3·19		3·23

Direction and Force of Wind (0–12). FEBRUARY 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	N	3	Var.	0-2	NNE	1-3	NE	0-2	NE	1-2	NE	1-3	NNE	1	NE	0-1	WNW	2-3	SW	0	W	0	N	0-1
2	N	3-4	NNE	3-5	NE	3	NNE	3-4	N	2-4	N	2-4	N	2-4	N	1-3	N	2-3	N	3	NNE	1-2	N	1
3	N	0-1	N	1	N	1	ENE	0-1	NE	0-1	N	0-1	ENE	0-1	Calm,	0	E	0-1	E	0-1	E	0	Calm,	0
4	NE	1-2	NNE	1-2	N	1-2	E	0-2	Var.	0-2	Var.	0-2	Var.	0-2	N	2-3	N	3-4	N	2-4	N	3	N	2-3
5	S	1-2	S	2	S	2	S	2-3	S	3	S	3	S	3	S	3	S	3-4	S	3-4	S	4	S	3-4
6	SSW	2	SW	2	SW	2-3	SW	2-3	SW	2-3	SW	3	SW	2-3	SW	2-3	SW	2	WSW	2	SSW	1-2	S	1-2
7	S	5	S	4	S	3-5	SSW	4	S	4	SSW	4	S	4	SSW	3-4	SSW	4	SSW	3-4	SW	4	SW	3-4
8	NW	2-4	NW	1-3	NW	2-4	NW	2-3	WNW	2	W	2	WSW	3	S	2-3	SW	2-3	SW	3	SW	2-3	SW	4
9	WNW	3-5	WNW	3-6	WSW	4-6	W	3-6	SW	4-5	SW	5	SW	4-5	WSW	3-5	W	2-5	WSW	3-4	SSW	1-4	S	2-4
10	NW	2-3	NW	2	NW	3	NW	2-3	NW	1-2	NW	1-3	WNW	2	WNW	2	NNW	0-1	NW	0-1	NW	0-1	WNW	1-2
11	NW	1-3	W	3	W	2-3	WSW	3	SW	3	SW	3	SW	3	WSW	2-3	SW	3	WSW	2-3	SW	3	SW	3
12	W	2-4	WSW	3	W	2-3	W	2	SW	2-3	SSW	2	SSW	2-3	S	3	S	3	S	3	S	3-4	S	4
13	SW	4-6	SW	2-5	SSW	4	SSW	3-5	SW	3-4	SSW	3-4	S	3-4	S	4-5	S	5	S	5	S	5-6	SSW	4-6
14	N	1	N	0-1	NW	1	NW	1	NW	1-2	NNW	1-2	NW	0-1	NW	0-1	NW	1-2	N	1-2	N	2	NNW	0
15	WNW	1-2	WNW	1-3	W	1	WNW	1-2	WSW	0-2	SW	1	SW	2	W	1-2	SW	1-2	SSW	2	SW	2	WSW	1-2
16	Calm,	0	E	0	Calm,	0	Calm,	0	E	0	Calm,	0	Calm,	0	Calm,	0	N	0	ESE	0	Calm,	0	N	0-1
17	SSE	1	SSE	1	SSE	1-2	S	1-2	SSE	1	SE	1	SE	1	SE	1	SE	1	ESE	1	ESE	0-1	E	0-1
18	ESE	2	SE	2	ESE	1-3	ESE	2-3	ESE	2-3	ESE	1-2	ENE	1-2	E	3	E	3	E	2-4	E	4	ESE	4-5
19	ESE	4-5	ESE	3-4	ESE	3	ESE	3	ESE	3	SE	3-4	SE	3	SE	3-4	SE	3	SE	2	SE	3	SSE	2
20	SW	3	SSW	3	S	3	SSW	3-4	S	2-3	S	3	S	3	S	3	S	3	SSW	3	SSW	3	SSW	2-3
21	W	1-3	SSW	3	SW	3	SSW	3	SSW	2-3	SW	2-3	S	2	SSE	3	S	3	SSE	3	S	3-4	SW	2-3
22	SW	1-2	SW	2	WSW	1-2	NW	2	NNW	1	NNW	1-2	NNW	2	N	1-2	N	2-3	N	2-4	NNW	2-4	N	3-4
23	ESE	4	ESE	4	ESE	4-5	SE	4-5	ESE	4	ESE	3-4	ESE	3-4	ESE	4	ESE	4	ESE	4-5	ESE	5	ESE	5-6
24	SE	4-5	SE	5	ESE	4	ESE	4	ESE	3-4	ESE	3-4	ESE	3-4	ESE	3-4	ESE	4	ESE	3-4	ESE	3-4	E	3
25	SE	3	SE	2-3	SE	3	SE	3	ESE	2-3	SE	2-3	SE	2	SE	2-3	SE	2-3	ESE	2-3	ESE	2-3	SE	2-3
26	SE	3	SE	3-4	SE	3	SE	3-4	SE	2	SE	3	ESE	2-3	SE	2-3	SE	3	SE	3	SE	3-4	ESE	3-4
27	SE	5	SE	5-6	SE	5-6	SE	5-6	SE	5	ESE	5	ESE	5	ESE	5	ESE	5	ESE	5	E	4-5	ESE	5
28	SE	7	SE	6	SE	6	SE	5-6	SE	4-5	SE	4-5	ESE	5	SE	5	SE	5-6	SE	5-6	SE	5	ESE	5
29																								
30																								
31																								
Means		2·83		2·75		2·79		2·77		2·46		2·55		2·50		2·57		2·81		2·70		2·76		2·68

Direction and Force of Wind (0–12). JANUARY 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	WNW	1-2	WNW	3-4	W	3	N	2-5	NW	2-4	NW	2-4	SW	1-4	N	2-4	N	2-4	N	2-4	NE	1-3	NE	2	2·5
2	E	1-2	Var.	1-2	NNE	2-3	NE	0-2	ENE	2-3	N	1-3	Var.	1-2	NNE	1	Var.	0-1	Var.	0-1	NW	0-2	NW	0-2	1·7
3	Var.	1-4	W	2-3	WNW	2-4	NW	2-4	W	3-4	W	2-5	W	1-3	W	2-3	WNW	1-3	NW	2-4	WNW	4	W	1-4	3·5
4	W	2-4	W	2-3	W	2	NW	3-4	NW	1-3	W	1-3	NNW	2-3	NW	2-3	NW	0-2	NW	1-3	WSW	2-3	WSW	2-3	2·6
5	NNE	4-7	NE	4-6	N	4-7	ENE	2-4	N	1-3	N	2-3	NE	1-3	NE	1-3	N	0-3	N	3-5	N	3-5	NNE	3	2·9
6	NNE	2-4	NNE	3	N	3	Var.	2	N	2-4	N	3	Var.	0-2	N	1	N	2	N	2	NNW	1	W	2	2·9
7	WSW	3-5	SW	4-5	SW	5-6	SW	5-7	SW	5-6	W	3-6	W	2-4	W	2-5	N	2-5	NE	2-5	NNE	2-4	NE	2-5	3·8
8	NNE	3-5	N	2-4	NE	3-5	NE	3-5	ENE	3-5	ENE	3-5	NE	3-5	NE	3	ENE	3-4	ENE	3-4	ENE	3-4	ENE	3	4·0
9	ESE	0-2	E	2-3	NE	2-3	N	3	NNE	1-3	NE	2	NE	1-3	NNE	2-3	N	2	N	1-2	N	1	NW	0-1	2·1
10	W	2-3	NW	2	NNW	2	NW	2	W	1-2	W	1	WNW	1	NNW	1	N	1	N	2-3	N	3	N	2-3	1·9
11	N	3-4	NE	2-4	NE	2-4	ENE	3	E	3-4	ENE	3-4	ENE	3-5	ENE	3-4	ENE	4-6	ENE	2-4	ENE	2-4	NNE	2-4	3·2
12	NNW	2-4	N	2-3	N	2-3	N	3	NNW	2-4	NW	3	WNW	2-3	NW	3	W	3	NW	1-3	NW	2-4	WNW	2-5	2·9
13	N	3-5	NNE	3-4	NE	2-4	N	3-4	NE	2-4	ENE	3-4	E	2-4	Var.	1-2	E	1-3	E	2-3	E	2	E	1	3·2
14	SW	2-4	SSW	4	SW	4-5	SW	3-4	W	3	WNW	2-4	W	2-4	NW	1-3	NW	3-5	NW	3-5	NW	3-5	NW	1-4	2·9
15	NW	2-4	N	1	Var.	0-2	NW	2-4	W	2-4	W	1-4	W	2-4	W	2-3	WNW	2-4	W	2-3	NW	2-3	NNW	2-3	2·8
16	SW	3	SW	4	SSW	3-5	S	4-5	WSW	2-4	WNW	2-3	W	2-3	WNW	1-3	WSW	1-4	W	1-3	NW	2-3	NW	2-4	2·6
17	W	1-2	Calm,	0	Var.	0	WSW	1	NW	0	SW	1	SSW	0-1	S	0	S	0-1	S	0-1	S	1	Calm,	0	1·1
18	N	1-2	W	1	W	2	WSW	2	WSW	1-2	SW	1-2	SW	1-2	WSW	2	SSW	2	S	2	S	2	SSE	1	1·5
19	N	3-4	NNE	3	N	3-4	NNE	3	N	0-1	NE	2	N	3-4	NNE	3	N	3	N	3	N	4-5	NNE	2-4	2·8
20	NNE	1-2	E	3	E	3	E	2-3	E	2-3	E	2-3	E	3	E	2-3	E	1-2	E	2-4	E	3	E	2-4	2·3
21	N	3-4	NNE	4	N	4	NE	3-4	NNE	3-4	NNE	2-4	ENE	1-3	NNE	3-4	ENE	2-3	NE	2-3	NNE	2	NE	1-3	3·1
22	ESE	4	SE	3	SE	3	SE	3	ESE	4	ESE	4	ESE	4	ESE	3-4	SE	4	SE	3-4	SE	4	SE	2-3	3·1
23	NNE	4-5	N	3-4	NNE	3	NE	1-2	ENE	1-4	E	3-4	E	2-3	E	4	NE	1-3	NE	3	E	2-3	NE	3	2·9
24	ESE	2-5	NE	1-3	NNE	3	NE	2-3	NE	2-4	NE	3-4	NE	2-4	ENE	1-3	E	2-3	E	2-4	E	3-5	E	1-4	2·9
25	ESE	2-4	ESE	4-5	E	3-5	E	5	ESE	3-5	ESE	4-6	ESE	4-7	ESE	4	ESE	3-5	ESE	3-5	ESE	4-7	ESE	5-7	4·2
26	ESE	3-4	E	3-5	E	3-4	E	2-4	NE	2-4	ENE	2-4	E	3-4	ENE	2-5	E	2-5	NE	3	E	2-4	E	3	3·7
27	ESE	5	SE	5	ESE	5	SE	4-5	SE	5	ESE	4-5	SE	4-5	SE	5	SE	5	SE	4-5	SE	4	SE	4-5	4·4
28	SE	4	SE	3-4	S	3-4	SSE	4	SE	4	SE	5	SE	5-6	SE	5-6	SE	6	SE	5	SE	5	SE	7	4·6
29	SSE	6	SE	5-6	SE	4	S	4-5	Var.	2-4	W	1-2	SW	1-2	NW	1-2	NW	0-1	N	1-3	NNW	2	NW	2-3	5·2
30	SSW	4	SW	4	SW	3-4	WSW	3	W	1-2	WNW	1-2	NW	1-2	NW	1-2	NW	2	NW	2-3	WSW	2	W	1-3	2·9
31	N	0-2	ENE	1-3	ENE	1-3	NE	2-3	NNE	1-3	Var.	1-3	NE	1-3	NE	1	NNE	0-1	NW	0-1	N	2	N	3	1·6
Means		3·19		3·10		3·19		3·14		2·82		2·87		2·70		2·52		2·52		2·68		2·86		2·68	2·96

Direction and Force of Wind (0–12). FEBRUARY 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NE	1-2	NE	1-2	N	2-3	NNE	3	NE	3	NE	2-4	NE	3-4	N	3-4	NNE	4	NNE	5	NNE	3-5	NNE	3-4	2·2
2	N	0-2	NE	2	NNE	2	ENE	0-2	NNE	2	N	1-2	N	1-2	N	1	N	2	NW	2	NW	2	NW	0-1	2·1
3	Calm,	0	Calm,	0	ENE	1	NE	1	NNE	0-1	E	0-1	N	0-1	N	2	W	1	N	1	ENE	2	EN		0·7
4	N	2-3	NE	1	N	0-1	N	0-1	N	1	N	1	N	0-1	N	1	N	0	W	0	W	0	SW	1	1·3
5	S	3-4	S	3	S	3-4	S	4	S	3-4	S	3	S	3	S	3	S	3	S	3	S	3	SSW	3	3·0
6	S	2-3	SSW	3	SSE	3	SSE	3	SE	3	SSE	3	S	3-4	S	3-4	SSE	3-4	SSE	4	SSE	4	S	4-5	2·8
7	SW	3-4	SW	3	SW	3-4	SW	3-4	W	3	W	2	WNW	2-3	WNW	3	NW	2	NW	2	NW	2-3	NW	1-3	3·3
8	WSW	3	SW	3	SW	2-4	NW	2-3	SW	2-4	W	2-4	SW	3-4	W	3	W	2-3	W	3-4	SW	3-5	W	3-5	2·9
9	SW	1-3	W	2-4	W	2-3	SW	3	WSW	2-4	SW	2-5	SW	4-5	WSW	2-4	SW	2-5	SW	3-4	SW	4	WSW	3	3·6
10	SW	0-1	W	1-2	N	1-2	NW	1	WNW	1-2	SW	1-2	WNW	2	NW	2-3	NW	2-3	NW	3	WNW	3	W	3	1·8
11	SW	3	W	2-3	WSW	3	SW	3	SW	3	SW	2-4	WSW	1-3	WSW	3	SW	3-4	SW	2-4	SW	3-4	W	2-3	2·9
12	S	3-5	WSW	4-5	SW	3-5	SSW	4-5	S	5	SSW	4-5	S	5	S	5	S	5	S	4-5	S	4-6	SW	3-6	3·7
13	SSW	3-6	SW	4-6	SSW	3-4	SSW	3-4	SW	2-3	WSW	0-1	WNW	1	WNW	1	NW	1	NW	1	W	1	NNW	1	3·2
14	WNW	1-2	SW	1-2	SW	2-3	WSW	2-3	WNW	1-2	NW	1-2	NW	2	NW	1-2	NW	1-2	W	2	NW	1-2	WNW	1-3	1·4
15	SW	1	WNW	1	SW	0-1	W	1	W	1	W	1	W	1-2	NW	1	NW	1	NW	1	NW	1	NW	1	1·3
16	ESE	1	SE	1	SE	1-2	SSE	1	E	0-1	ESE	0-1	E	0-1	SE	1	E	0	E	0	ESE	0	E	0-1	0·3
17	E	1	E	0-1	NE	1	ENE	1	E	1	E	2	ESE	2	ESE	1-2	ENE	2	E	0-2	E	1-2	E	1	1·1
18	E	4	E	3-4	E	2-4	ESE	4-5	ESE	4	ESE	4-5	SE	5	ESE	5	SE	5	ESE	5	ESE	5-6	SE	5	3·6
19	SE	2	SSE	1-2	SSW	1-2	SW	2	SW	1-2	SW	1-2	SW	2	SSW	2	SW	2-3	SSW	3	SW	3	SW	2-3	2·6
20	SW	2-3	SSW	3	SW	2-3	SW	2-3	SSW	1	SW	2	SW	1-2	SW	1-2	SW	2	SW	2	W	1-2	W	1-3	2·5
21	SSW	2-3	SSW	2-3	SSW	2-3	SSW	2	SSW	2	SSW	2-3	SSW	1-2	SW	2-3	SSW	2	SSW	1-2	SW	2	SW	2	2·4
22	N	3-5	N	3-5	N	3-4	N	2-4	N	4-5	N	4	N	2-3	NE	2-4	E	4	ESE	3-5	ESE	3-5	ESE	3-5	2·9
23	ESE	5	ESE	4	SE	4	ESE	4	ESE	4	ESE	5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	4-5	ESE	4	4·3
24	ESE	3	SE	3	SE	3-4	SE	3	ESE	3	ESE	3	ESE	3	SE	3	ESE	3	ESE	2-3	ESE	3	SE	3	3·4
25	SE	2-3	SE	3	SE	3	SE	3	SE	3	ESE	2	SE	2	SE	2-3	SE	3	SE	3	SE	3	SE	3	2·7
26	SE	3	SE	3	SE	3-4	SE	3-4	SE	3-4	ESE	3-4	SE	4	SE	4	SE	5	SE	5	SE	5-6	SE	5-6	3·5
27	ESE	4-5	SE	5-6	SE	5-6	SE	5-6	ESE	5	ESE	5-6	SE	6	SE	6	SE	6-7	SE	7-8	SE	6	SE	6	5·4
28	SE	4-5	SE	4	SE	3-4	SE	3-4	ESE	4-5	SE	4	SE	3-4	SE	4-5	SE	4	SE	4-5	SE	4	SE	5	4·8
29																									
30																									
31																									
Means		2·63		2·64		2·68		2·70		2·64		2·59		2·64		2·79		2·83		2·93		2·93		2·89	2·70

Direction and Force of Wind (0–12). MARCH 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SE	5–6	SE	5–6	SE	6–7	SE	7	ESE	6	ESE	7	ESE	7–8	ESE	7	ESE	7–8	ESE	7–8	ESE	6–8	ESE	7
2	ENE	3–4	ENE	2–4	ENE	2–4	NE	2–4	NE	2–4	NE	3–4	NNE	2–5	NE	3–5	NNE	3–4	NNE	2–3	NNE	2–4	NNE	2–4
3	NNE	5–7	NNE	4–7	NNE	4–7	NNE	5–7	NE	1–4	N	2–3	N	2–5	Var.	1–4	NNW	3–4	NNE	3	N	3–4	N	1–3
4	NNE	3–4	N	3–4	NNE	3–4	N	2–4	N	2–3	NW	1–4	N	2–3	NNE	2–3	N	1–2	N	1–2	N	1–3	N	1–3
5	SW	1–2	SW	1–2	SW	1	SW	1–2	WSW	1–2	W	1–2	W	2	WSW	1–2	SW	1–2	W	1–2	SW	1–2	WNW	1
6	NE	2–3	NE	2–3	N	2–4	NNE	3–4	NE	3	NNE	2–4	N	2–4	N	2–4	NE	1–3	N	2–3	ENE	2–4	ENE	2–4
7	NNE	2	NNE	2–3	NNE	2	NE	1–2	NE	0–1	SE	0	SE	1–2	ESE	2–3	SE	2	SE	2–3	SE	2–3	SE	2
8	SE	4–5	SE	5	SE	5–6	SE	5	SE	5	SSE	5	SE	4–5	SE	5–6	SSE	5	SSE	5	SSE	4–5	SSE	5
9	SE	4	SE	3	SE	4	SE	4	SSE	4	SSE	3–4	SSE	5	SE	5	SE	5	SE	5–6	SE	5	SE	5–6
10	S	7–8	SSE	7	SSE	7	S	6	SSE	6	SSE	7	S	5	S	5–6	S	6	SSE	6	SSE	6–7	SSE	7
11	SE	5–6	SE	5	SE	5	SSE	4–5	SE	4	S	4–5	S	3–4	SSE	3–4	SSE	3	SSE	3–4	SSE	3	SE	3
12	SE	3	SE	3	SE	3	SE	3	ESE	3	ESE	3	ESE	3	ESE	3	ESE	3	ESE	3	ESE	2–3	SE	2–3
13	SE	3	ESE	3	SE	3	SE	3	ESE	3	ESE	3	ESE	3	ESE	2–3	ESE	3	ESE	3	ESE	3	SE	3
14	ESE	4	ESE	4	ESE	5	ESE	5	SE	3–4	ESE	4–5	SE	4–5	SE	4	SE	4	SE	4–5	SE	5	SE	4–5
15	SE	3–4	SE	3–4	SE	3–4	SE	4	ESE	4–5	SE	4–5	SE	5	SE	4	ESE	5	ESE	4	ESE	4–5	ESE	4
16	NNE	2–4	NNE	1–4	E	1–3	ENE	2	E	1–3	E	1–3	E	1–4	E	2–4	E	2–4	E	2–4	ENE	2–4	ENE	1–4
17	E	3–6	E	4–6	ESE	4–6	ENE	3–5	E	5–6	E	5–7	E	6–7	E	4–7	ESE	5–7	E	3–7	E	4–6	E	3–6
18	SE	8	SE	8–9	SE	8	SE	8	SE	8	SE	7–8	SE	7–8	ESE	7–8	SE	8	ESE	7–8	ESE	8	SE	6–8
19	SSE	4–6	S	5	S	5	SSE	4	SSE	3–4	SSE	4	SSE	4–5	S	4–5	SSE	4–5	SSE	4	SE	4–5	SSE	4
20	W	2–3	W	3	SW	2–3	W	3	WSW	2–3	W	1–3	W	2–3	W	2	SW	2	SW	2	SW	1–2	SW	2
21	SW	2	SW	2–3	SW	2–3	SW	2	SSW	3	SW	2–3	WSW	2	W	2	W	2–3	W	2–3	W	2	W	2–3
22	W	3	WNW	3	WSW	3	SW	2–3	W	2–3	W	2–4	SW	2–3	SSW	3	S	3–4	SSW	3	SSW	3–4	SSW	4
23	SSW	4	SW	3–4	SW	4	SW	4	SW	3–4	SW	3	SW	3	SSW	3–4	SW	3–4	SSW	4	SW	4–5	SSW	3–5
24	SSW	4–5	SW	5	SSW	4–5	SW	5	SW	3–4	SSW	3	S	3	SW	3	S	3–4	S	4	S	4	S	4
25	SE	6	S	5–6	S	5–6	SSE	7	SSE	5–6	SSE	4–5	S	4–5	SW	4–5	SW	4	SSW	4	SSW	4	SW	3–4
26	S	4–5	S	4	S	5	S	3–5	S	5	S	4	S	2–4	SSE	4–5	SSW	4	SW	4–5	SSW	4–5	SSW	4
27	NW	2–4	W	3	W	2–4	W	3	W	2–3	WSW	2–3	W	2–3	W	3	W	2	WSW	2	WNW	1–3	W	0–1
28	N	0–1	N	1–3	NNW	1–3	N	1–2	N	1–3	N	2–3	NNE	1–3	N	0	NW	0–1	SW	1	SW	1–2	SSW	2
29	SW	4	W	2–3	WNW	1–2	W	1–3	WSW	3–4	WSW	2–4	W	2–3	W	2–3	WSW	3	W	2–3	W	2–3	W	1–3
30	W	2–3	W	1–3	WNW	1–2	W	1–3	WNW	2–3	NW	2–3	WNW	2	WNW	2–3	W	2–4	SW	2–4	SE	5	SE	7
31	NW	1	N	0–1	W	1	S	1	SE	0	NE	0	E	0–1	N	1	N	2–3	NNE	3–4	N	1–4	ENE	2–4
Means		3·79		3·68		3·75		3·68		3·45		3·45		3·48		3·48		3·58		3·58		3·69		3·58

Direction and Force of Wind (0–12). APRIL 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	WNW	1–3	NW	1–3	W	1–3	SW	3	SW	3–4	W	1–3	NW	2–4	W	2–4	NW	3–4	WNW	2–3	NW	2–3	WNW	2–4
2	S	9	SSE	8–9	S	8–9	S	9	S	8	S	9	S	7–11	S	7–10	S	8	SSW	7	SSW	4–7	S	6–7
3	WSW	3	W	2–3	W	2–3	WSW	2–3	SW	3	WSW	2–3	WSW	2–3	WNW	3	W	2–4	NW	3–4	WSW	4	W	2–4
4	SW	4–7	SW	4–6	WSW	5–6	W	3–5	Var.	2–4	W	2–4	NW	2–3	NNW	2–3	W	2–4	W	2–4	SW	3–4	W	2–4
5	NW	1–3	W	1–3	WNW	2–4	WNW	1–3	W	2–3	NNW	1–2	WNW	2–3	WNW	2–3	WNW	2–3	W	1–2	NW	1–2	NW	1–3
6	N	0–2	NW	1–3	W	2–3	NW	2–3	Var.	1–2	NW	0–2	WNW	1–2	NW	0–2	E	1–2	E	1–3	E	0–1	E	1–2
7	NE	1–2	N	2	NW	1–3	NW	1	WSW	1–2	NW	0–2	WSW	1–2	W	1–2	S	2	S	3–4	SE	5	SE	5–6
8	SW	4–6	WNW	2–4	NW	2–4	NW	1–3	NW	3–4	NW	3–5	NW	2–4	NW	3–5	W	2–5	Var.	2–4	W	2–4	Var.	2–4
9	NW	2	N	1–2	NW	1–2	NNW	1–2	NNW	1–3	Var.	1–3	NW	1–2	NNW	1–3	Var.	1–2	N	1–3	Var.	2–4	NW	1–3
10	WSW	2–3	W	1–3	SW	3	WSW	2–3	SW	1–2	SSW	1	S	0–1	S	1–2	SE	2	S	1–2	S	0–1	Calm,	0
11	ENE	1–2	NE	1–2	E	1	NE	0–1	E	1–2	E	2	SE	1–2	ESE	2–3	SE	2	ESE	3	SE	2–3	SE	3
12	NNE	1–2	N	2	N	2–3	NNE	3	NE	1–2	N	2	N	2	N	1	N	2	N	0–1	N	1–2	NNW	1–2
13	NW	2	NW	1–2	NW	2	NNW	1–2	NNW	2	E	0	N	0–1	NNE	1–2	NE	1	N	0–2	NE	0–1	N	1
14	W	2	WNW	1–2	NW	2–3	NW	1	N	1–2	NNE	1–2	NE	0–1	ENE	1–2	N	1	NNW	1–2	NNW	1	N	1
15	E	1–2	ENE	1	NE	1–3	E	2	ENE	1–2	NE	1–2	E	1–2	E	1	E	1	NNE	1	E	1	E	1
16	NNE	1	NE	0–1	NNE	0	E	0	N	1	N	1	NE	0–1	E	0–1	N	1–2	NNE	1–2	N	1–2	N	1–2
17	NE	0–1	NE	0–2	E	1	ENE	1	N	1–2	NNE	1–2	NE	1–3	NE	1–2	NNE	2	NE	1–3	NE	1–3	NNE	1–3
18	E	1–2	ESE	1–2	SE	1–3	ESE	2	ESE	2–3	ESE	2–3	ESE	3	E	2	E	2–3	E	3	Var.	0–2	E	2
19	E	1–3	E	2–3	ESE	2	ESE	1–3	E	1–2	E	1–3	E	1–3	E	1–3	E	2–3	E	1–3	E	1–3	SE	2–3
20	SE	4	SE	4	SE	4	SE	4	SE	4	SE	3	SE	3	ESE	3–4	SE	4	SE	4	SE	4	SE	3–4
21	E	0	NE	0	E	0	NE	0	E	0–1	E	0–1	N	1	N	0–1	N	0–1	N	0–1	Calm,	0	SE	1–2
22	ENE	0–1	NE	0–1	NE	1	NE	1	ENE	0–1	NE	0–1	N	0–1	E	1	E	0–2	ESE	1–2	SE	1–2	N	0–1
23	E	0	E	1	NE	1–2	ESE	2	E	1–2	NE	1–2	N	0–1	Calm,	0	E	0	SE	1	SSE	0–1	SSE	0
24	SE	3	SE	3	SE	3	SE	3	SE	3	SE	3–4	SE	4	ESE	4	SE	4	SE	4	SE	4	SE	3–4
25	SSE	2–3	S	2	S	2–3	SSE	3	SSE	[1	SE	2	SE	2	SE	2	SE	2	SE	3	SE	3	SE	2–3
26	S	2	S	3	S	3	S	2–3	SSW	2–3	S	3	S	3–4	S	3	S	2–3	S	2–3	SW	0	WSW	0
27	S	3–4	SSW	3–4	SSW	2–4	SSW	3	SSW	2–3	WSW	1–3	WSW	2	WSW	2–3	W	2	W	2	WSW	3	WSW	2–3
28	Calm,	0	N	1	NE	1–2	NNE	1–3	NNE	1–3	NNE	2–4	NE	1–4	NE	2–4	NNE	4	NNE	3–4	NNE	3–4	NNE	1–3
29	N	1–3	NE	1–3	NE	1–3	NE	2–4	NNE	2–4	NE	1–3	NNE	2–4	ENE	2–3	NE	0–1	NE	1	E	0	NE	0–1
30	N	1–2	N	2	NNE	3	NE	1–2	N	2–3	NE	1–3	N	1–3	N	1–3	NE	2	NNW	1–2	Var.	1–3	N	1–3
31																								
Means		2·20		2·18		2·43		2·27		2·25		2·13		2·17		2·23		2·28		2·32		2·12		2·12

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	6-7	S	4-6	ESE	4-6	ESE	4-5	E	1-4	E	2-4	E	2-4	E	3-5	ENE	3-4	E	3-5	E	2-4	ENE	2-4	5·3
2	NNE	3-5	NNE	3-6	NNE	3-5	NE	3-5	ENE	3-5	NE	3-5	NNE	3-5	NNE	4	NE	4-5	NE	3-5	NE	4-7	NNE	4-7	3·8
3	Var.	1-2	NNE	2-3	NE	2-3	NNE	3	NNE	2-4	NNE	2-4	NE	2-5	N	3-4	N	2-4	N	3-4	NNE	2-4	NNE	4-5	3·4
4	N	2-3	NNE	2-3	NNE	1-3	N	2-3	N	0-1	N	0-1	N	0-1	N	2-3	N	2	N	0-1	Calm,	0	SW	1	2·0
5	WNW	1	NW	0	NW	0-1	N	0	NNW	0-1	N	1	N	2	NNE	3	N	2-4	N	2-4	E	3-4	NNE	2-3	1·6
6	ENE	2-3	NE	2-4	NE	3-4	NE	2-3	N	1-3	NE	1-3	NE	2-3	NNE	3	NNE	2	NE	1-3	NE	1-3	NE	1-3	2·6
7	SE	3	SE	3	SE	4	SE	4	SE	3-4	SE	4	SE	4	SE	5	SE	5	SE	4-5	SE	5	SE	5	3·0
8	SSE	5-6	SSE	5-6	SE	5	SSE	5	SSE	5-6	S	4-5	S	4	SE	4-5	SSE	4-5	SSE	4-5	SE	4	SE	3-4	4·8
9	SE	6-7	SE	6-7	SSE	6-7	SSE	6-7	SSE	6	SSE	6	SSE	5-6	SE	5-6	SSE	5-7	S	6-7	S	7	S	7	5·4
10	SSE	6	SE	5-6	SSE	5-6	SE	6	SE	5-6	SE	6	SE	5	SE	5	SE	5	SE	5-6	SE	5	SE	6	6·0
11	SE	3	SE	3	SE	3	SE	2-3	SE	2	SE	2-3	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	3	3·4
12	ESE	2-3	SE	2	ESE	2	E	0-1	Calm,	0	NE	0	NE	0-1	E	0	E	0-1	ENE	1	ESE	2	SE	2-3	2·0
13	SE	3	ESE	2-3	ESE	2-3	ESE	3	ESE	2-3	ESE	3-4	ESE	3	SE	3-4	SE	4	SE	4	SE	4-5	SE	4	3·1
14	SE	4	SE	3-4	SE	3-4	SE	3	ESE	4	ESE	3-4	ESE	3-4	SE	3-4	ESE	3-4	SE	4	SE	4	SE	3-4	4·0
15	ESE	4	ESE	4	SE	2-3	SE	3-4	E	3-4	ENE	0-2	E	1-3	ENE	2-4	ENE	2-4	E	3-4	ENE	2-4	E	1-3	3·5
16	ENE	3-4	ENE	2-4	ENE	3	ENE	2-4	E	2-4	E	1-3	E	1-2	E	3-4	E	2-4	E	4-5	E	3-6	E	3-6	2·9
17	E	4-5	ESE	5-6	ESE	5-7	ESE	7	ESE	6-7	ESE	7	ESE	7	ESE	7	SE	7	SE	7-8	SE	7	SE	7	5·9
18	ESE	7-8	SE	6-7	SE	6-7	SE	5-6	SE	4	SE	5	SE	5	SE	5	SE	5	SSE	5	SE	5-6	SSE	6	6·7
19	SE	4	SE	5	S	5	SSE	5	SSE	5-6	SE	4-5	SSE	3-4	S	3-4	SSW	3	SW	3	SW	3	SW	2-3	4·2
20	WSW	2	W	2-3	W	2-3	SW	3	SW	2	SW	1-2	W	2	W	2-3	W	2	WSW	2-3	W	2	SW	2	2·2
21	W	2-3	W	2-3	W	3	SW	3	W	3	W	3	W	2-3	NW	2	NW	2-3	W	3	W	2-3	W	3	2·5
22	S	4	SW	3	SSW	3	S	3-4	S	4-5	S	4-5	S	5	S	5	S	4-6	SSE	4-5	S	4	S	5	3·6
23	S	5-6	SW	4-5	SSW	4-6	SW	4-5	S	5	SSW	4-5	SW	5	SW	4	SW	3-5	SW	4-5	SW	5	SW	5-6	4·2
24	S	4	SSW	4	S	4	S	4	SE	6	SE	7	SSE	6-7	SE	6-7	SE	6-7	SE	5-6	SE	6-7	SSE	6-7	4·8
25	W	1-3	SW	4	SW	4	SW	3-5	SSW	4	SW	4	SW	4	SW	4	SSW	3-4	SSW	3-4	S	4	S	4-5	4·4
26	SSW	4	SSW	3-4	SW	3-4	SW	3	SW	1-3	WSW	2-3	WSW	2-3	SW	3-4	W	2-3	WSW	2-4	W	2-5	WNW	2-4	3·6
27	NNW	0-1	W	1	SW	0	SW	0-1	N	1	N	0-1	NW	0-1	NW	1	NW	1	NNW	0-2	N	1	NNE	1	1·6
28	WSW	2	SW	3	SW	3	SSW	3	S	3	S	2-4	S	3-4	S	4	S	4-5	S	4	SSE	5	S	5-6	2·5
29	Var.	0-1	W	1-3	N	2	NW	2	N	1	WNW	1-3	Var.	1-3	WSW	1-2	WNW	1-3	W	1-2	W	1-2	NW	2	2·1
30	SE	6	SW	4-6	SW	4-5	W	4-6	SW	3-5	SW	3-5	WSW	2-4	NE	3-6	NE	3-5	NW	1	ENE	2	Var.	0-1	3·3
31	NE	2-3	NNE	2-4	N	0-2	NE	0-1	SW	1-2	N	0-1	NW	0-1	W	1	WSW	1-2	SW	2	WSW	2	W	2	1·4
MEANS		3·57		3·58		3·48		3·45		3·26		3·24		3·21		3·60		3·53		3·50		3·66		3·70	3·54

DIRECTION AND FORCE OF WIND (0–12). APRIL 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	2-4	SW	3	SSW	3-4	S	3	SSE	5	SSE	6	S	5-6	S	5	S	5-7	S	4-7	S	7-8	S	6-8	3·8
2	SW	5-6	SW	4-7	SW	3-6	SW	3-5	SW	4-5	SSW	5	SW	3-4	W	3	W	3	W	3	W	1-3	SW	3	6·0
3	W	3	W	3-4	SW	4	SW	3-4	SW	4-5	SW	4	SSW	4	SSW	4-5	S	6	S	7	SSW	6-7	SW	5	3·8
4	WSW	2-4	WSW	3	W	3	SW	3-4	WSW	2-3	WSW	2-4	W	2-3	W	2-3	Var.	1-2	N	1	N	1-2	NW	2	3·0
5	NW	1-2	NW	1-2	W	1-3	WNW	2-3	S	3	SSW	3	SW	3	WNW	3	WNW	2-3	NW	1-3	NW	2-4	NW	3-4	2·3
6	Var.	0-1	NNE	1-2	N	1-2	N	1-3	E	1-2	Var.	1-3	NW	0-1	N	1-2	NE	1	NE	0-2	NE	1	NNE	1-3	1·4
7	SE	7-8	SE	8	SE	7-8	SE	7-8	SE	7-8	SE	7	S	4-5	SSW	4-5	S	5-7	SW	4-7	SW	4-8	SW	4-7	4·4
8	W	1-4	W	2-3	WNW	2-4	W	2-4	W	1-3	WSW	2-4	W	2-4	W	1-3	NW	1-3	NW	1-3	NNW	2-3	NNW	2-3	2·9
9	Var.	1-3	NW	2-3	W	2-3	W	1-3	NW	1-2	W	1-3	NW	1-3	NW	1-3	NW	1-2	WNW	1-3	W	2-3	WSW	2-3	2·0
10	SE	0	Calm,	0	Calm,	0	E	0	N	0-1	ENE	0-1	ENE	0-1	E	0	E	0	ENE	1	NNE	1	NNE	1-2	1·0
11	SE	2	SSE	1-2	SSW	0-1	WSW	0	N	0-1	N	0-1	N	0-1	E	1	E	0-1	N	1	N	1-2	N	2	1·4
12	WNW	1-2	N	0-1	NW	0-1	NW	0-1	NW	0	NW	0-1	WNW	1	NW	2	NW	1-2	WNW	1-2	WNW	2	NW	2	1·4
13	NE	0	Calm,	0	NE	0	NNE	0-2	WNW	0-1	Calm,	0	NW	1-2	WNW	2	W	1-2	W	0-1	WSW	1-2	W	1-2	1·0
14	Var.	0-1	NE	0	ENE	1	ENE	1-2	NE	1-2	N	1-2	ENE	0-1	NE	1-2	ENE	2	E	0-2	E	2	E	2	1·3
15	N	1	E	1-2	E	1-2	E	1-2	NE	0-1	E	1	E	1	E	1	NNE	1	NE	0	N	0	NE	0	1·1
16	N	1-2	E	0-1	E	0-2	N	1-2	ENE	1-2	E	0-2	NNE	1-2	NE	0	E	1-2	NE	2-3	ENE	2-3	Var.	1	1·1
17	NE	1-3	NNE	1-3	NE	2-3	NE	2-3	NE	1-3	N	2-3	NE	1-2	NE	1	ENE	1	NE	0-1	NE	0-1	ENE	1-2	1·6
18	NE	0-2	E	0-2	Var.	0-1	Var.	0	E	0-1	E	1	ESE	1-2	N	0-1	SE	2-3	SE	2	E	1	E	1-3	1·6
19	ESE	3	SE	3	SE	2-3	SSE	2	ESE	3	E	3	ESE	3-4	SE	3	SE	2-4	SE	3-4	SE	4	SE	3-4	2·6
20	SE	4	SE	3-4	SE	3-4	SE	4	SE	2-3	SE	3	SE	2-3	SE	3	SE	2-3	SE	2-3	SE	2-3	SE	0	3·3
21	SE	1	SE	2	SE	0-1	E	0	E	0-1	E	0	NE	1	E	0	Calm,	0	NE	0-1	NE	0	NNE	1	0·5
22	N	0	E	0-1	NE	1	Calm,	0	SE	0-1	E	0-1	Var.	0	E	0-1	E	0-1	E	0-1	Var.	0-1	N	0	0·6
23	S	1	SE	1	SE	0-1	E	0-1	Calm,	0	SE	1	ESE	1-2	SE	2	SE	2-3	SE	3	SE	2-3	SE	3	1·2
24	SE	3-4	SE	3	SE	2-3	SE	3	SE	3-4	SE	3	SE	3	SE	2-3	SE	2-3	SE	2	SE	2-3	SE	2-3	3·1
25	SE	2-3	SSE	2	SE	3	SE	2-3	SE	2	SE	2-3	ESE	2	SE	2	SSE	1-2	S	2	S	2-3	S	2	2·2
26	SSW	1-2	S	2	SSW	2	S	2	S	2-3	S	2-3	SW	2	SSW	2-3	SW	2-3	SSW	3	S	3	SSW	3-4	2·4
27	W	3	WNW	2-3	W	1-3	NNW	1-2	NW	2	NNW	0-1	NNW	0-1	ENE	1-2	NNE	1-3	NE	1-3	NE	1-3	NNE	1-2	2·2
28	NE	2-4	N	1-2	NNE	2-3	NNE	2-4	E	0-2	E	2-3	N	1-2	N	3-4	N	2-4	N	1-4	NNE	2-4	N	1-3	2·4
29	N	0-1	Var.	0-1	Calm,	0	Calm,	0	NE	1	ENE	0-1	N	1	N	1	N	1	N	1-2	N	2	N	1-2	1·3
30	E	1-2	NE	2-3	ENE	2-3	NE	1-3	N	1-2	NE	0-2	ENE	1	NNE	1-2	N	1	NE	0-1	N	0-1	N	0-1	1·6
31																									
MEANS		2·08		2·07		2·05		2·00		1·98		2·12		1·92		2·00		2·10		2·07		2·32		2·15	2·15

Direction and Force of Wind (0–12). MAY 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	N	1	Calm,	0	Calm,	0	Var.	0	S	0–1	S	0–1	S	1	S	1	S	1	SE	1–2	S	1–2	SSE	0–1
2	SE	3	SE	3	SSE	3	S	3–4	SE	4	SSE	4	SSE	4–5	SE	4	SE	4–5	SE	5	SE	5	SE	6
3	S	5–6	S	3–6	S	4–6	S	5	SSE	4	SW	3	S	3–4	SSE	3	S	3	SW	3	SSW	2–3	SW	3
4	S	3–4	S	3–4	S	5	SSE	4	S	3–4	SSW	3–4	SSW	4	SSW	4	S	5	SSW	4–5	SW	4	SSW	3–4
5	SW	2	SW	2	WSW	2	SW	2–3	WSW	1–2	WSW	1–2	SW	1–2	SSW	2	SSW	1–2	SSW	2	SW	2	SW	2
6	WSW	3	W	1–2	SW	2	SW	2–3	SW	1–2	SW	1–2	SW	1–2	SW	1–2	SW	2	SW	2–3	SW	2	SW	2–3
7	SW	3	SW	3	SW	2–3	W	2–3	WSW	1–2	W	1–2	WSW	1–2	W	0–2	W	1–2	W	0–2	SW	1	WSW	1
8	SE	1	SE	2	SE	2	SE	2–3	SE	2–3	ESE	3	SE	3	ESE	3	ESE	3	ESE	3	SE	2–3	ESE	2–3
9	SE	3–4	SE	3	SE	3	SE	3	SE	2–3	SE	2–3	SE	3	SE	2–3	SE	3–4	SE	3–4	SE	3	SE	3
10	WSW	1	SW	1	SW	1	W	1	W	1	W	1	NW	1	NW	0–1	WNW	0	E	0–1	ESE	1	SE	1–2
11	SE	3	SE	2–3	SE	2	E	1	E	1–2	E	1–2	ENE	0–2	E	1–2	Calm,	0	E	0–2	E	1–2	E	1–2
12	NE	2–3	E	1–3	E	1–3	NE	2–3	E	1–3	NE	1–2	ENE	1–3	E	1	E	1–2	E	1–2	E	1–2	E	1–2
13	E	2–4	ENE	2–4	ENE	3–4	NE	2–4	NE	2–4	NE	2–4	NE	2–4	NE	1–4	NNE	2–4	ENE	1–4	NNE	3–5	N	2–5
14	N	2–4	ENE	3–6	E	2–4	N	1–4	NE	3–4	ENE	2–4	ENE	2–4	NE	2–4	ENE	2–3	Var.	0–2	ENE	1–2	E	1–3
15	E	2–4	NE	2–4	NNE	2–3	NE	3–4	ENE	2–4	NNE	3–4	ENE	3–4	NE	3–4	ENE	3–4	ENE	2–5	ENE	3–5	ENE	3–5
16	Var.	0–1	E	0	NW	0–1	S	1	S	1	S	2	S	2–3	S	2–3	SE	3	SE	4	SSE	3–4	S	3–4
17	W	3	W	3	W	3	W	3–4	SSW	3	W	3	S	2	SW	2–3	SW	1–2	SSW	3	S	2	SSE	2–3
18	S	3	SW	3–4	SW	2–4	SW	3–4	SW	2–4	SSW	3	SSW	3–4	SSW	3	S	3	SSW	2–3	SSW	4	S	3–4
19	NW	1–2	WNW	1–2	WNW	1	W	1–2	Var.	1–2	NW	1	SSW	2	WSW	1–2	W	2–3	WSW	2	W	2	W	1–2
20	SW	1	SSW	1	S	1	SW	0–1	Calm,	0	Calm,	0	SE	0–1	SE	1–2	SE	2	SE	2	SE	3	SE	2–3
21	N	3	NNW	2–4	ENE	2–4	ENE	2–4	NE	2–3	ENE	1–3	ENE	1–2	NE	1–2	ENE	1–2	ENE	1–2	E	1	Var.	0–1
22	SSE	2	S	2–3	S	3	SSW	2	SSW	1	SW	1	S	1	S	2	Calm,	0	SE	2	S	1–2	S	2
23	SE	3	SE	3–4	SE	3–4	SE	3	SE	2–3	SE	2	SSE	1–2	SSE	2	SE	1	SE	0	SE	2	Calm,	0
24	E	1	ESE	1–2	SE	1	SSE	1	S	1	S	1–2	S	1	S	1	SW	1	W	0–1	Calm,	0	Calm,	0
25	Calm,	0	Calm,	0	NW	0–1	NNW	0–1	NW	0–1	NNW	0–1	WNW	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	N	0–1
26	NW	1	NW	1	W	2	N	0	NW	0–1	WNW	1	WNW	1	W	0–1	SW	1–2	WSW	2	SSW	0–1	SSW	0–1
27	WSW	2	SW	2	W	1–2	WSW	1	WSW	1	W	1	W	0–1	W	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0
28	NE	1–4	ENE	3	ENE	2–4	NE	2–4	NE	3	NNE	2–4	NNE	2–3	N	0–2	N	2	W	0	N	0–1	E	0–2
29	Var.	0–2	NE	2–3	E	2	NE	3	N	2–3	N	1–3	N	1–3	N	0–1	NE	2	Var.	0–1	Calm,	0	Calm,	0
30	SE	2–3	SE	2–3	SE	2	SE	2	SE	1–2	SE	2	SE	2	SE	2–3	SE	2–3	SE	2	SE	2	SE	2–3
31	WSW	0–1	W	1	W	0–1	WSW	0–1	SSW	0–1	SSW	1	SW	1	SW	1	S	1	SSW	0–1	SSW	1	SSW	1
Means		2·21		2·26		2·23		2·19		1·95		1·95		1·98		1·84		1·93		1·89		1·93		1·92

Direction and Force of Wind (0–12). JUNE 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	S	2	S	1–2	S	1–2	SSW	1	S	2	S	2	S	2	SSE	1–2	SE	2	SE	2	ESE	3	ESE	2
2	E	2	NE	1	ENE	0–1	NE	0–1	NNE	1	ENE	0–1	E	0–1	NE	0–2	E	2	Calm,	0	E	0–1	NE	1–2
3	NNW	0–1	NW	0–1	NNW	1	NNE	1–2	NE	1–2	E	2	E	1–2	E	0–1	Calm,	0	E	1	Calm,	0	NW	0
4	W	2	W	1–2	W	2	W	2	NW	0–1	WNW	1–2	NW	1	NW	1	Calm,	0	N	0–1	WNW	0–1	NNW	0
5	WNW	2	W	2–3	W	2–3	W	2–3	NNW	1–2	NW	2	WNW	2	W	2	W	2–3	W	2–3	W	2–3	W	2
6	W	2	NW	1–2	NE	1–2	N	0–1	NW	1	NW	1	NNW	1–2	NW	1	W	2	W	2	W	2	W	2
7	NW	2	N	1–2	N	1	N	3	N	2–3	N	2–3	ENE	2–3	E	2–3	ENE	1–2	NE	1–2	NE	0–1	N	0–1
8	S	3–4	S	3	S	3	S	3–4	S	2–3	S	3	S	2–3	S	2	S	1	S	2	S	2	S	2
9	S	2–3	S	2–3	SSE	3	S	3	S	3	SSE	3	SSE	2–3	SE	3	SSE	2–3	S	3	S	3	S	3
10	SSE	3	SE	3–4	SSE	3	SSE	3	SE	3–4	SE	3–4	SSE	3–4	SSE	3	SSE	2–3	SSE	3	SSE	3	SSE	3–4
11	S	1	SW	1–2	SW	1–2	SSW	2	S	2	S	2	S	2–3	S	2–3	SE	3	S	1–3	SE	3	S	4
12	SSE	2	SSE	2–3	SSE	2–3	SE	3	ESE	0–1	SW	2–3	SSW	1	S	2	S	1–2	S	2	WSW	1–2	SSW	2–3
13	WNW	1	Calm,	0	NW	1–2	WNW	0–1	W	1–2	WNW	0–1	W	1	NW	0	W	0–1	W	0–1	W	1	W	0–1
14	WSW	2–3	SSW	2	SW	3	SW	4	SW	2–3	SW	3	SW	2	SW	1–2	SW	2–3	SSW	3	SSW	3–4	SSW	3–4
15	W	2–3	NW	4	W	3–4	Var.	2–4	N	2–3	NE	2–3	NE	2–3	Var.	1–3	Var.	1–3	N	1–3	N	1–3	N	1–3
16	E	2–5	ENE	3–4	NNE	5–6	NNE	3–5	E	2–4	E	2–4	E	2–4	E	1–3	E	1–3	NE	1–3	NE	1–3	NE	1–3
17	NNE	2–5	N	3–5	NNE	2–5	NE	3–4	NE	1–2	NE	1–2	NE	1–2	NE	1–3	NNE	1–3	NE	1–3	NE	1	NE	1–3
18	Var.	1–2	W	0–2	Var.	0–2	NE	1–3	E	1–3	NNE	1–2	N	1–3	NNE	2–4	N	2–4	N	2–4	N	1–3	NNE	2–4
19	N	4–5	N	3–5	N	3–4	N	3–4	N	2–3	N	2–4	N	2–4	N	3–4	N	2–4	N	3–5	N	3–4	N	3–4
20	N	2–4	N	3	N	3–4	Var.	1–3	NNE	2–3	N	2–3	NNW	1	N	2	N	2	N	0–1	Var.	0–1	Calm,	0
21	N	1–2	N	2	N	1–2	N	1–2	N	1	N	1–2	N	1	NE	1	NE	1	NNE	1–2	N	1–2	N	1–2
22	N	0–2	N	2	N	2–3	N	2	N	1	NNW	1	NW	1	N	1	NW	1	W	1	NW	1	NW	1
23	N	1–3	NNW	1–2	SW	1–3	Var.	1–3	Var.	2–3	N	1–2	N	1	NE	2	NE	2–3	NE	2–3	N	1–2	N	1–2
24	NNE	1–3	NNW	1–3	N	1–2	N	1–2	NNW	1–2	NNW	1–2	NW	1–2	NNW	1–2	NNW	1–2	NW	1–2	NW	2–3	NNW	1–2
25	NNE	1–3	W	2–3	W	2–3	N	1–2	NW	1–2	WNW	1–2	W	1–2	W	1–2	WNW	1–2	WNW	1–2	WSW	1–2	WNW	1–2
26	N	2–3	N	2–3	N	2–3	N	0–2	SW	3	W	2	WSW	2–3	W	2–3	WSW	2	NW	2–3	NNE	2	WNW	3
27	W	1–2	N	1	NNW	2	N	1–2	N	0–2	NW	0–1	N	0–1	NW	1	Calm,	0	W	1–2	S	1	Calm,	0
28	W	3	SW	3	SW	2–3	WSW	3	WSW	2	WSW	2–3	SW	2–3	SW	3	SW	2–3	W	1–2	SSW	1	W	2
29	N	2	N	1–2	N	1–2	NW	1–2	N	1	N	2	N	2	Var.	0–1	NW	0–1	N	0–1	Calm,	0	Calm,	0
30	N	0–1	Calm,	0	SW	0–1	SW	0–1	SW	0	SW	0–1	W	0–1	SSW	0–1	SW	0	SW	0–1	SSW	0–1	S	1
31																								
Means		2·15		2·12		2·20		2·17		1·80		1·92		1·77		1·75		1·67		1·77		1·65		1·75

Direction and Force of Wind (0–12). MAY 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	S	1	SE	1–2	SE	1	S	1	ESE	2	SE	2	SE	3	SE	2–3	SE	2–3	SE	3	SE	3	SE	3	1·4
2	SSE	5–6	SE	4	SSE	4–5	S	5–6	SSE	5	SE	5	S	4–5	S	4–6	S	5	S	6	SSE	6	S	5–6	4·6
3	SW	3	SW	2	SW	2–3	SW	2–3	SSW	3	SSW	3	S	2–3	SSW	3	SE	3	S	2–3	SSE	2	SSE	3–4	3·2
4	SSW	3–4	SSW	2–3	SSW	3	SW	3	SW	3–4	SW	3	SW	3	SW	3	SW	3	SW	2–3	SW	2–3	SW	2–3	3·5
5	SW	2	SW	2	SW	2	SW	2	SSW	2	SW	2–3	SW	2	WSW	1–3	WSW	3	SW	3	WSW	3	WSW	3–4	2·1
6	SSW	2–3	SSW	2–3	WSW	2–3	SW	2	SW	1–2	SW	2	SW	2	SSW	2–3	SW	2	SW	2	SSW	3	SW	3	2·1
7	SW	1	SW	0	Calm,	0	Calm,	0	Calm,	0	S	0–1	W	1	W	1	WNW	1–2	NW	1	W	0	SE	1	1·2
8	SE	3	SE	2–3	SE	2–3	SE	2–3	ESE	3	ESE	3	ESE	3	SE	3	SE	3–4	SE	3	SE	3	SE	3–4	2·7
9	SE	3	SE	2–3	SE	2	SE	0–1	SE	2	SE	2	SE	1	SE	1–2	SE	1	SE	1–2	SE	1	S	1	2·3
10	SE	2	SE	1	SE	2	SE	1	SE	2	SE	2	SE	2–3	SE	2	SE	1–2	ESE	2	SE	2–3	SE	2–3	1·4
11	E	2	NE	0–1	ENE	1–2	ENE	2	E	1–2	ENE	1	E	1–2	NE	2	NE	2	NE	2–3	ENE	1–3	NE	1–3	1·6
12	ENE	1–2	NE	1–3	ENE	1–3	E	0–2	N	0–1	E	1–2	NE	1–3	NNE	2–3	NE	3	E	2–4	E	2–4	ENE	3–4	2·0
13	NNE	2–5	NE	3–5	NE	2–4	NE	2–4	N	2–5	N	2–5	N	3–6	NE	4–6	N	4–7	NNE	4–6	NNE	3–6	N	3–5	3·6
14	E	1–3	E	1–3	ENE	1–3	ENE	2–3	E	2–3	NE	1–3	NE	2–4	E	2–3	E	2–3	ENE	1–3	NE	2–3	NE	2–3	2·6
15	ENE	2–4	E	2–4	ENE	1–3	E	2–3	E	2–4	E	1–3	NNE	2–4	E	2–3	ENE	3	E	2–3	NE	2	N	1	2·9
16	SW	2–3	WSW	3	WNW	2–3	WNW	3	WSW	1–3	WNW	2–3	WNW	1–3	W	2–3	W	1–3	WNW	2–3	W	1–3	W	3	2·2
17	SSE	3	SE	3–4	ESE	3–4	SE	4–5	SE	5	SE	7	ESE	6–7	SE	7	SE	6	SE	5	SE	3–4	S	3	3·7
18	SW	4	SSW	4–5	SW	4	SW	3–4	SSW	3	SW	3	SSW	3	SW	3	WSW	2–3	W	2	NNW	1	N	0–2	3·0
19	Calm,	0	NW	1–2	W	1	Var.	1	NW	0–1	NW	0–1	W	0–1	W	1	W	0–1	SW	1	SW	1	SW	1	1·2
20	SE	2–3	ESE	2	SE	1–2	ESE	1–2	E	1	ESE	2	E	0–2	N	2–3	NE	2–4	NE	2–3	NE	2–4	NE	2–3	1·7
21	N	0–1	E	0–1	E	1	Calm,	0	Calm,	0	NW	0–1	Calm,	0	WSW	1	SSW	1	SSW	1	S	2	S	2	1·4
22	S	0–1	S	1–2	SSE	2	S	1–2	S	2–3	SE	3	SE	3	SE	3	SE	3–4	SE	3	SSE	3	SE	2–3	2·0
23	ESE	0–1	ESE	1	ESE	1–2	SE	1	SE	2	SE	0–1	SE	1	E	0	E	0–1	E	1	Calm,	0	E	1	1·4
24	Calm,	0	S	0	Calm,	0	W	0–1	NNW	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	NNW	0–1	0·5
25	N	0	Calm,	0	NNW	0–1	N	0	NE	0	NNE	0	NW	0–1	NW	1	NW	1	WNW	1	W	0–1	W	0–1	0·3
26	WSW	1–2	SW	2	SW	1–2	WSW	1–2	S	0–1	WSW	1	SW	1–2	W	0	WSW	1	SW	1–2	SW	1	W	1	1·1
27	Calm,	0	E	0–1	ENE	1	E	1–2	NE	2	NE	1–2	N	1–3	NE	2	NE	2–3	NE	2–4	ENE	4	NE	2–4	1·3
28	E	0–2	NE	1	N	0–2	NE	1–2	NW	0	N	1	NW	1–2	E	1–2	NNW	2	N	1	N	2–3	N	1–3	1·7
29	Calm,	0	Calm,	0	NE	0	NE	0	Calm,	0	Calm,	0	E	0–1	NNE	1	NE	1	E	1	E	2	SE	2	1·1
30	SSE	0–1	S	0	Calm,	0	Calm,	0	Calm,	0	N	0	W	0	E	0–1	Calm,	0	Calm,	0	SW	0	Calm,	0	1·1
31	SSW	1	SW	0–1	SW	0–1	SW	0–1	W	0–1	Calm,	0	WSW	0	SSW	1	SSW	1	SSW	0–1	S	1	S	2	0·8
Means		1·81		1·73		1·76		1·69		1·76		1·86		1·95		2·16		2·25		2·17		2·11		2·23	1·99

Direction and Force of Wind (0–12). JUNE 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	ESE	2–3	ESE	2–3	ESE	2–3	E	3	E	2	E	2–3	E	2	E	2	E	2	NE	2	NNE	2–3	NE	1–3	2·1
2	NE	0–1	E	2	Calm,	0	E	2	E	1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	W	0	W	0	0·7
3	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	NW	0	WSW	0	S	0–1	SW	1–2	SW	1–2	WSW	2	WSW	2	0·7
4	Calm,	0	Calm,	0	W	1–2	W	0	ENE	0–1	N	0	Calm,	0	WNW	1–2	NW	1–2	NW	1	NW	1	WNW	2	0·9
5	W	2	W	2–3	WNW	2	NW	1–2	WNW	2	W	2	WNW	0–1	W	2–3	NW	1	NW	1–2	NW	2–3	NW	1–2	2·0
6	WSW	2–3	SW	2	SSW	2–3	SW	2–3	W	2–3	WSW	2–3	WSW	2	WSW	2	W	2	W	2–3	NW	1	NW	2	1·8
7	Calm,	0	Calm,	0	SSW	0–1	S	0–1	SSE	1	SSE	1	S	1	SW	0–1	WSW	1	S	1–2	S	2–3	S	3–4	1·4
8	SSE	2	S	1–2	S	1	S	1–2	S	1	S	1	S	1	S	2	S	2	S	2–3	SSE	3	SE	3	2·1
9	SSE	3	S	3	SE	3	SE	2–3	SE	1	SE	1–2	SE	3	S	2–3	SE	3	SE	3	SE	4	SSE	4	2·8
10	SSE	3	S	2–3	S	2–3	SSW	2–3	SW	1	SE	2–3	S	2–3	S	2–3	SSE	2–3	S	2–3	S	0–1	S	2–3	2·7
11	SE	4	S	3–4	SSE	3–4	S	3	SSE	3–4	S	2–3	SSE	2–3	SSW	3	SSE	2–3	SSW	1–2	SW	2–3	SW	2–3	2·6
12	SW	2–3	SW	2–3	W	2–3	WSW	2–3	Calm,	0	Calm,	0	WNW	0–1	WNW	2	WNW	0–1	WNW	1	NW	1–2	W	1	1·7
13	W	0–1	W	0–1	W	1	W	1	W	0–2	W	1	W	0–1	NW	1–2	W	0	WNW	0–1	W	0–2	WSW	2	0·8
14	SW	3–4	W	3	W	0–1	N	1–3	W	1–3	N	1–3	NW	1–3	Var.	1–3	NW	1–3	NW	1–2	NW	2–3	W	2–4	2·5
15	N	1–2	N	2–3	E	2–3	E	1–3	N	1–3	E	1–3	E	1–3	E	2–4	ENE	3–4	E	2–4	NE	2–4	E	3–4	2·5
16	NE	1–3	NE	2–3	NNE	3–4	NE	2–3	NE	1	NE	2–3	NE	1–3	NE	2–4	NE	2–3	NE	2–4	NE	3–4	NE	2–5	2·8
17	NNE	1–2	NE	1–2	NNE	1–2	Var.	0–1	NE	1	NE	0–1	NE	0–1	NE	1–2	NE	1	NNE	3–4	Var.	0–2	SSW	0–1	1·8
18	NNE	2–4	NNE	2–3	N	3–4	N	1–3	N	2–4	N	1	NE	1	N	2–3	N	3–4	N	2–4	N	3–5	N	4–6	2·5
19	NNE	2–3	NE	3–5	N	3–4	NE	2–4	N	1–3	N	1–3	N	2–3	NE	4–5	NE	4–5	NNE	2–4	NNE	3–4	Var.	1–3	3·3
20	N	0–1	NNE	0–1	Var.	0–1	NE	0	N	0–1	N	0–1	NNW	0–1	NNW	1	N	1	N	1–2	Var.	0–1	N	2	1·3
21	N	1	N	1–2	NNE	1–2	Var.	0–1	N	0–1	N	1	N	0–1	N	0	N	1–2	N	1–2	N	2	Var.	0–2	1·2
22	E	1–2	N	1–2	N	1–3	N	2–3	N	1–2	NW	1–2	N	1–2	N	0–2	N	2	N	1–2	Var.	1–2	W	1–3	1·5
23	N	1–2	N	1–2	N	2–3	N	2–4	NE	1–2	NE	2–3	NE	3–4	ENE	1–3	NE	2–3	NE	2–3	ENE	3–4	NE	2–3	2·1
24	NNW	1–2	NW	1–2	SSW	3–4	WSW	2–4	W	1–2	W	1–2	NW	1–2	W	2–3	W	2–3	Var.	1–3	W	2–4	W	1–2	1·9
25	NW	0–1	NNW	1–2	WNW	2	W	1–2	WNW	2–3	NW	2–3	NW	2–3	WNW	2–3	NW	1	NW	1–2	W	1–3	Var.	1–3	1·8
26	NNE	2	WNW	1–2	N	1–3	SW	2	W	1–2	N	0–1	N	1	Var.	0–1	W	0–1	NNW	1	NW	1–2	NW	1	1·8
27	WSW	0–1	W	1–2	W	0	WNW	1	WSW	1	WSW	1	SW	1	SW	2	SW	2–3	WSW	3	WNW	3–4	W	3	1·3
28	WNW	1–2	NW	1–3	NNW	2–3	W	1	N	1	N	1	NW	0	W	2–3	NW	1–2	N	3	N	2–3	N	2	2·0
29	Calm,	0	Calm,	0	NW	0	E	0	Calm,	0	N	0–1	Calm,	0	N	0	N	0	NE	0	E	0	Calm,	0	0·6
30	S	1	SSW	0	SW	1	SW	0–1	SW	0–1	SSW	0	WSW	0–1	WNW	1	NNW	2	N	2	NNW	1–2	NW	1	0·7
31																									
Means		1·60		1·72		1·83		1·65		1·32		1·30		1·27		1·80		1·78		1·92		2·10		2·12	1·80

Direction and Force of Wind (0–12). JULY 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NNW	1	NW	1	W	1-2	WNW	2	W	1-2	W	1	W	1	W	1	S	1	SW	2	WSW	2	W	1
2	SW	2	SW	2-3	SSW	2-3	SW	2-3	SW	2	WSW	2	SW	2	WSW	2	WSW	2	W	2	NW	1-2	WSW	2
3	WNW	2-3	NW	2	WNW	1-2	NW	2	W	1-2	NW	1-2	NW	1-2	NW	1	WNW	1-2	N	0-1	NW	0-1	W	0-1
4	WNW	3	WNW	3	NW	3	WNW	3	WNW	2-3	NW	2-3	W	2-3	SW	2-3	SW	2	WSW	2-3	W	2-3	NNW	2
5	N	3-4	NW	3-4	WNW	3	NW	3	W	3	W	2-3	WNW	3	WNW	3	W	3	WSW	3	W	3	W	3
6	NW	2-3	NW	2-3	WNW	2-3	WNW	2-3	Var.	0-1	NW	0-1	Var.	0-1	W	0-1	NW	1	Var.	0-2	WNW	1-2	N	0-1
7	NW	1	NW	2	NW	1	NW	2-3	N	1-2	Var.	1-2	N	1-2	NW	1-2	NNE	0-2	NW	2	N	0-1	NW	0-1
8	N	0-1	N	1	N	1	N	1	NE	1-2	E	1	NW	1-2	NE	1-2	N	1-2	N	2	N	2	N	1-2
9	N	2-3	N	2-3	N	2-3	N	2	N	1-2	N	2	N	2	N	2	NW	0	NNW	1	Calm,	0	Var.	0-1
10	N	1-2	N	2	E	0-1	N	0-1	N	0-1	NNE	0	NNW	1	W	1	W	1	W	1	W	1	WSW	0-1
11	SSW	3-4	S	3	S	3	S	2-3	SSW	3	SW	3	SW	3	SW	2-3	WSW	2-3	SW	3	WSW	3	W	1-2
12	NW	2-3	NW	2	NW	1-3	NW	3	NNW	1-2	NW	2	WNW	1-2	NW	0-1	W	1-2	WNW	1-2	NW	1-2	W	1
13	NW	1	NW	1-2	NW	2	NW	2-3	NW	1	W	0-1	W	1-2	W	1-2	W	1-2	WNW	2-3	W	1-2	NW	2
14	ESE	4	ESE	3	Calm,	0	E	2-3	N	1-3	NE	1-2	NE	1-3	E	2-3	NE	1-3	N	2-3	N	2-3	Var.	1-3
15	NE	2-4	NNE	2-4	NE	2-4	NNE	2-3	NE	2-3	N	2-4	E	2-4	ENE	2-4	NE	2-3	N	1-3	N	1-3	N	2-3
16	WSW	1	Var.	1	N	0-1	NE	2	N	0	N	0-1	N	1-2	Calm,	0	E	1-2	E	1-2	E	1-2	SE	1
17	N	0-2	NW	0-1	W	1-2	N	1	N	0-1	NW	2-3	N	1-2	N	1	WNW	1	N	0-1	Calm,	0	SW	1
18	SE	4	SE	3-4	SE	3	SE	3	SE	3	SE	3	SE	3-4	SE	3-4	SE	3-4	SE	3-4	SSE	3	SSE	3
19	SSE	5-6	S	4	S	4-5	S	4	S	3	SSE	3	S	2-3	S	2-3	SSE	3-4	SSE	5	S	3-4	SSE	5-6
20	SW	1-3	SW	3	SW	2-3	WSW	1-3	SSW	3	WSW	2-3	W	2-3	SW	1-2	SW	2	SW	2	SW	3	SW	2-3
21	SE	7	SSE	6-7	SE	5	SSE	3-4	SE	4	SE	4-5	SE	4-5	SE	5	SE	5-6	ESE	5	ESE	4-5	SE	5-6
22	SSE	3-4	SE	3-4	SE	4	SE	4-5	SE	4	SE	5	SE	5-6	SSE	5	SE	4	SE	5	SE	7-8	SSE	5-7
23	SSW	4	SW	2-4	W	4	WSW	3-4	SW	4	SSW	3-4	WNW	1-2	SSW	2-3	SW	2	SW	3	W	1-2	W	1-2
24	SE	2	SE	2-3	SE	2	SE	3	SE	2	SSE	2	SSE	1-2	SSE	1	Calm,	0	Calm,	0	SE	0-1	SE	0
25	NW	0	Calm,	0	Calm,	0	N	0	Calm,	0	Calm,	0	Calm,	0	E	0-1	Calm,	0	E	0-1	ESE	1	Calm,	0
26	NNE	1-2	NNE	2	NE	3	NE	2-3	NNE	2-3	NE	2-3	N	2-3	N	1-3	N	3	N	2-3	NNE	2-3	N	2-4
27	N	1-4	N	1-3	NE	2-3	NE	2-3	N	1-2	NE	1	NNE	1-2	Var.	1-2	ESE	1-2	Var.	1-2	N	1-2	W	0-1
28	NNE	1-2	NNE	2-3	N	2-3	NNE	2-3	N	2	N	2-3	N	2-3	N	1-3	N	2-3	N	2-3	N	1-2	NE	1
29	SSE	1	SE	1-2	SSE	2	SE	2-3	SSE	3	SSE	3	SSE	3	SE	3	SE	3	SE	3	SE	3	SE	3
30	SE	3	SE	3	SE	2-3	SE	2-3	SE	3	SE	3	SE	2-3	SE	2	S	2	S	0-1	Calm,	0	Calm,	0
31	N	0-1	N	1	NNW	1	N	1-2	NNE	2	N	1	N	2	N	0-1	N	0-1	N	0	N	0-1	Calm,	0
Means		2·39		2·39		2·24		2·40		2·05		2·06		2·13		1·92		1·92		2·08		1·94		1·76

Direction and Force of Wind (0–12). AUGUST 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NNE	1	N	1-2	Var.	0	N	0-2	N	3	N	2-3	NNE	2-3	N	1-2	Var.	0-2	E	1-2	N	0-1	Var.	0-2
2	NNE	0-2	N	2-5	N	0-3	NE	0-2	N	3	N	2-4	N	2-3	N	2-3	N	2-3	N	3	Var.	0-1	N	3
3	NE	1-2	N	3	N	2-3	N	3	N	2-4	N	3	N	3	N	3	N	3	N	1-2	N	1	Calm,	0
4	SSE	1	SSE	1	SSE	1	S	1	S	0-1	SSW	0-1	SSW	1	S	2	S	1	S	2	SW	0-1	SSW	0-1
5	S	2	SSW	1-2	S	2-3	S	2-3	SSW	2	SW	2-3	SSW	3	S	2-3	S	3	S	3	S	3-4	S	3-4
6	NNW	3	NW	3-4	NW	3-4	NW	3-4	NW	3	WNW	3	WNW	3-4	WNW	3	WNW	3-4	NW	2	WNW	3	W	2
7	SW	3	SSE	3	SW	2	SW	2-4	W	2-3	W	2-3	W	2-3	W	2-3	WNW	2-3	WNW	2-3	NW	2	NW	2-3
8	WNW	0-2	W	1-3	NNW	1-2	W	0-2	W	1-2	WNW	2-3	WNW	2	NNW	1-2	Calm,	0	W	2-3	W	1-2	WNW	1-2
9	Var.	0-2	SSE	0-1	NW	0-1	NW	0	NW	1-2	NNW	1-2	W	2	W	2	SW	2	W	1-2	W	1-2	SW	1-2
10	W	1	W	0	WSW	1	SW	0-1	W	0-1	W	0-1	SW	0-1	SSW	1-2	S	1	S	1-2	S	1-2	S	2
11	NNW	2	N	0-2	Var.	0-1	NE	1-2	E	1	E	1	NW	1	NW	1	NW	1	NW	1	NW	1	WNW	2
12	N	0-1	Calm,	0	NNW	1	N	1-2	E	0-1	NW	2	NW	2-3	Var.	0-1	WNW	1-2	WNW	1-2	WNW	1-2	WNW	0-1
13	SE	4	E	4	SE	4-5	SE	4-5	ESE	2	SE	3	ESE	2-3	ESE	2-3	SE	2	E	0-1	E	1-2	ESE	1
14	N	0	N	0	N	0	N	0	SE	0-1	N	0	E	0-1	Calm,	0	Calm,	0	S	0	S	0-1	ESE	1-2
15	SW	1-2	SW	3	SW	4	SSW	5	S	2-3	S	3	SSW	3-4	SSW	2-4	SSW	3	SSW	3	SW	2-4	S	2-4
16	WSW	1-2	W	0-2	SSW	2	SSW	2-3	SW	1-3	SSW	1-3	W	1-3	WSW	1-3	SW	2	WSW	1-3	SSW	2	SW	1-2
17	ENE	1-2	N	1-2	N	2	N	1-2	NE	0-2	N	2-3	N	0-1	N	0-1	NNE	1-2	ENE	1	N	2-3	N	2
18	S	1	S	1	S	1	SW	1	WSW	1	SW	1	SW	1	SW	1	NW	2	NW	2	NW	1-2	W	2
19	NW	1-2	NW	1	NNW	1	N	0	N	1	NNW	1	N	1	N	1	NW	0	NW	0	W	0	SW	0
20	SW	2	SW	2-3	SW	1-2	SW	2	SW	2-3	WSW	1	WSW	0-2	W	0-2	W	0-3	WSW	0-3	W	0-2	WSW	2-3
21	N	0-1	ENE	0	NE	0-1	NE	0-1	N	0	N	0	N	0	NW	0	N	0	N	0	NNW	0	N	0
22	S	1-2	S	1-2	S	1-2	SSW	1	SW	1	WSW	1	W	0	W	1	WNW	0	S	0	NW	0	WSW	0
23	SSE	1-2	SSE	2	SE	2	S	1-2	S	2	SW	1	SSW	1	SSW	1	S	1	S	1-2	S	2	SE	2
24	S	1	S	0-1	SSW	0-2	SW	1-2	SW	0-2	SSW	0-2	SW	2	SW	0-2	SW	1-2	SW	0-3	SW	2	SW	1-2
25	SW	1-3	W	1-3	W	0-2	WNW	1-3	WSW	0-1	WSW	0-1	SW	0-1	W	0-1	WSW	0-2	SW	1	WSW	1-3	W	0-2
26	W	1-4	WNW	1-2	NW	1	NW	1	W	1	WSW	0-1	SW	1	WSW	0-1	S	0-1	SW	0	SW	0	S	1
27	NW	1-2	NNW	1-2	NNW	1-2	NNW	1	W	0	W	0-1	N	0	NW	0	N	0	NNW	0-1	NNW	0	NW	0
28	SSE	2-3	SSE	2	S	1-2	S	2-4	S	2-3	SSW	2-4	SW	1-3	SW	1-3	SW	0-4	SW	0-4	S	1-6	SSW	1-5
29	W	1-3	SW	1-2	SW	2-4	W	1-4	W	2-5	WSW	2-6	SW	2-5	W	0-4	WSW	2-6	W	0-6	W	0-4	W	0-2
30	S	2-3	SSE	2	SE	4-5	SSE	3	S	3	S	3-4	SSW	0-3	SSW	0-2	SSW	1-3	SW	0-2	SW	0-3	SW	1-3
31	SW	1-4	SSW	1-4	SW	1-3	SSW	1-4	SW	0-4	SW	0-4	SW	1-3	SW	1-2	SW	0-2	SW	1-3	SW	1-2	SW	0-1
Means		1·64		1·66		1·71		1·79		1·64		1·79		1·66		1·45		1·52		1·48		1·44		1·47

Direction and Force of Wind (0–12). JULY 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	1	WSW	1	SW	1–2	SW	1–2	WSW	1	WSW	1	SW	1–2	SW	2	SSW	2	SSW	2	SSW	1–2	S	2	1·4
2	SW	1–2	SW	1–2	SW	2–3	W	1	WSW	2	WSW	1	W	1–2	SW	1	W	1	W	1–2	SW	1	SW	1	1·7
3	NW	0–1	NW	1	W	2	W	2	NW	2	NW	2	NNW	1–2	N	2	NW	1–2	WNW	2	W	2	W	3	1·6
4	NNW	2–3	W	2	W	1–2	NW	1–3	NE	0–1	N	0–1	NW	3	NW	3–4	N	4	N	4	NW	4	NNW	4	2·6
5	W	3	W	1–2	SW	2	W	2–3	W	2–3	SW	2–3	NNW	2–3	NNW	2–3	NNW	3	NW	2–3	NW	1–3	WNW	3	2·8
6	WNW	1	NW	1–3	NW	0–2	NNW	2	NW	1	N	2	N	1–2	NW	0–2	NW	1–2	NW	2	NNW	1–2	NW	1	1·4
7	W	0–1	NNW	2–3	WNW	0–1	N	0–1	WNW	0–1	W	0–1	Calm,	0	NW	1	N	0–2	NW	1	N	0	Var.	0–1	1·0
8	E	0–1	Var.	0–1	NNE	0–1	SE	0–1	E	0	SE	0	S	0	Calm,	0	SE	0	SE	0	Var.	0–1	N	2–3	0·9
9	NE	0–1	E	1	ESE	0–1	E	0–1	Var.	0–1	Calm,	0	E	0–1	NE	2	Var.	0–1	N	1–2	Calm,	0	ESE	1	1·1
10	NW	0–1	S	0–1	SSW	2	SW	1–2	S	3	S	3–4	S	3	S	3	SSW	3	SSW	3	SSW	3–4	S	3–4	1·7
11	SW	0–1	SW	2–3	W	1–2	SW	2–3	NW	1–2	Var.	0–1	NW	1–2	WNW	2	WNW	2–3	WNW	2–3	W	2	NW	3	2·3
12	NW	1–2	SW	1	W	1–2	NW	1–3	NW	1–2	WNW	1–2	W	1	NW	1	W	2	NW	1	NW	1	NW	0–1	1·5
13	SW	2–3	W	2	SW	1–2	SW	1–3	SSW	2–3	S	2	S	1–2	S	2–3	SSE	3	SE	3	SE	4	SE	4–5	2·1
14	NE	2–3	N	2–4	N	2–4	NNE	3	N	2–3	N	2–4	N	2–3	ENE	1–3	N	2–3	NE	2–3	N	1–4	NE	1–3	2·4
15	NE	2–3	NW	2–3	NE	2–3	Var.	1–3	NW	1–3	Var.	1–3	Var.	1–2	Var.	0–1	N	2–3	NNW	1	NW	1–2	W	1–2	2·2
16	N	1–3	E	1	NW	1–2	NW	1–2	N	1–3	N	1–3	W	1–3	W	1	W	0–2	N	2	Var.	1	N	1	1·2
17	S	0–1	WSW	0–1	SSW	1	S	1	S	0–1	SSE	1–2	SE	1–2	SE	2	SE	2	SE	2	SE	2–3	SE	3	1·2
18	SSE	3	SE	3	SE	3–4	SSE	3	S	3	SE	2–3	SSE	3	SSE	3	SSE	3–4	SE	4	SE	5	SE	6	3·4
19	S	3–4	SE	2–3	S	3	S	3–5	SW	4	SSW	4	SSW	4	SSW	4	SW	4	SSW	3	SW	3	SSW	3	3·7
20	WSW	1–2	S	3	SSW	3	SSE	2–3	S	3	S	3–4	S	4	S	3–4	S	3	S	5	SSE	6	SSE	6–7	3·0
21	ESE	6	SE	4–5	ESE	4–6	SE	4–5	ESE	6–7	SE	7	ESE	7	SE	6–7	SE	7	SSE	5–6	SSE	3	SSE	5	5·3
22	SSE	4–6	SSE	5	SSE	4–5	SE	5–6	SSE	3–4	SSE	4	SSE	4	SSE	3–4	SSE	3	S	2–4	SSW	2	SW	2–3	4·3
23	SW	0–1	W	0–1	SW	2	SW	1–2	SW	0–1	SW	1	SW	1	S	2	SSE	2	SSE	2–3	SSE	2	SE	2–3	2·2
24	Calm,	0	Calm,	0	W	0	Calm,	0	W	0–1	W	1	W	0–1	NW	1	NNW	1	NW	0–1	N	1	NW	0	0·9
25	Calm,	0	ESE	1	E	0–1	E	0–1	E	0	E	0	E	0	E	1	E	1	Calm,	0	E	0–1	NNE	0–1	0·6
26	N	2–4	NE	2–3	ENE	1–3	N	3–4	N	3–4	NE	1–3	N	2–4	NNE	3–5	ENE	3–6	NE	1–4	NE	2–5	N	2–4	2·8
27	Var.	1	Var.	0–1	E	0	NE	1	Var.	0–2	E	1	N	0–1	NE	1	NE	0–1	NE	1	E	1–2	NE	1–2	1·3
28	Var.	0–1	N	0–1	Calm,	0	W	0	Calm,	0	W	0	SW	0–1	SSW	0	S	0–1	SE	0–1	SE	1	SSE	1	1·2
29	SE	3–4	SE	3–4	SE	4	SE	3	ESE	3–4	ESE	3	SE	3	ESE	3	SE	3–4	SE	3	SE	3–4	SE	3	2·9
30	Calm,	0	N	0	N	0	Calm,	0	Var.	0	N	0	N	0	NNW	0	NNW	0–1	N	0–1	N	1	N	1	1·1
31	NE	2	SE	0–1	E	1–2	NNE	2	N	1	E	0–1	ENE	0–1	N	2	ESE	1	N	1–2	N	1–2	N	1–2	1·1
Means		1·69		1·73		1·79		1·90		1·79		1·77		1·86		2·05		2·19		2·13		2·10		2·39	2·03

Direction and Force of Wind (0–12). AUGUST 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Var.	0–1	ESE	1	NW	0–1	WNW	1–2	Calm,	0	Var.	0–1	E	1	SE	0–2	E	1	N	0–2	E	0–2	NNE	0–2	1·1
2	N	3	ENE	2–3	E	1–2	SE	1	N	2–3	NE	0–2	N	2–3	NNE	1–3	N	2	N	2–3	E	1	NNE	1–2	2·1
3	Var.	0–1	NNE	0	E	0	NNE	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SE	0	SE	0–1	SE	1	SE	1	1·3
4	SSE	2	SW	0–1	SSW	0–1	S	1	WSW	1	SW	1–2	SW	0–1	SSW	1–2	SW	1	WSW	1–2	S	2	S	1	1·1
5	S	3–4	S	3	S	3–4	S	3–4	S	3	WSW	3	WSW	2–3	WSW	2–3	WNW	3	NW	2–3	NW	3	NW	2–4	2·8
6	W	3	WNW	3	NW	3	NW	2–3	WNW	2–3	WNW	2	NW	3	NW	3–4	WNW	3–4	W	2–3	WSW	2	WSW	0–1	2·8
7	Calm,	0	W	1–3	W	2–4	NW	3–4	Var.	0–1	W	1	NW	1–2	W	1–2	WNW	2	WNW	2	NW	1–2	W	2	2·1
8	NW	2–3	WNW	2–3	WSW	3	Var.	0–2	W	0–2	N	2–3	W	2	NW	1–2	W	1–2	NW	1	NW	1–2	SW	2	1·7
9	W	0	SW	2	SW	1–2	WSW	1	W	1–2	W	1–2	NW	1	WNW	0–1	NW	1	WSW	1–2	WSW	1	WNW	1	1·2
10	S	1	S	0–1	S	1–2	S	0–1	SW	1	SW	1	Calm,	0	W	1–2	NNW	1	Calm,	0	SE	0	N	1	0·9
11	NNW	1	NNW	1	SSE	2	NW	0	WSW	0–1	Var.	0–1	NW	1–2	Var.	0	NW	0	WNW	0–1	NW	0–1	N	1	0·9
12	WNW	1	W	1	W	1	SW	1	SSE	1–2	SSW	1–2	S	1–2	SSE	1–2	SE	2	SE	2	SE	2–3	SE	3–4	1·4
13	E	0–1	Calm,	0	Calm,	0	N	0	Calm,	0	N	0–1	N	0	N	0	NNW	0	N	0	N	1	N	0–1	1·4
14	S	0–1	S	1	S	0	SW	1	Calm,	0	SSW	1	SW	1	S	2–3	S	2–3	SSE	3	S	2	SSW	1–2	0·8
15	WSW	2–3	SW	2–3	WSW	2–3	SW	2–4	SW	2–4	WSW	1–3	WSW	0–4	SW	2–3	SSW	2–4	SW	2–5	W	1–3	SSW	2–3	2·9
16	SW	1–3	WSW	1–2	NW	0	W	1–2	NW	0–1	WNW	2–3	N	0–1	NE	1–2	N	1–2	N	2	N	2	N	1–2	1·6
17	N	0–1	N	1	N	0–1	N	1–2	Var.	0	Calm,	0	S	0	S	0	S	1	SW	0–1	SW	0–1	SSW	0–1	1·0
18	NNW	1–2	NW	1–2	NW	1–2	NW	1–2	W	2	NW	0–1	WNW	1–2	NW	1	NNW	1	NW	2	WNW	1	NNW	1–2	1·3
19	SW	0	S	0–1	S	0–1	SW	1	SSW	1	SSW	1	S	2	S	2	SSW	3	SSW	2–3	SSW	2–3	SW	2	1·1
20	W	0–2	NW	1	NW	2	W	1–2	WNW	0–1	W	0–1	NW	0–1	WNW	1–2	NW	2	Var.	0	N	0	N	0	1·3
21	Var.	0	Calm,	0	SSW	0	Calm,	0	NW	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SE	0–1	SSE	1	SSE	1	0·2
22	W	0	SW	0	W	0	Calm,	0	SW	0	S	0	W	0	Calm,	0	SSE	0–1	SE	1	SSE	1–2	SE	2	0·6
23	3SE	2	SSE	1–2	S	1–2	SSE	1	SSE	1	S	1	SW	0–1	S	1	SSE	2–3	SSE	2	S	1–2	SSE	2–3	1·5
24	SW	2–3	SW	1	SSW	1–2	SW	2	SW	1–2	SW	2–3	SW	1–3	SW	2–3	WSW	1–2	WSW	1–3	WSW	2–4	SW	1–3	1·6
25	WSW	0–3	SSW	3	WSW	2–4	W	1–4	WSW	0–4	W	1–4	W	0–2	SW	2–4	WSW	1–5	WSW	2–4	WSW	2–5	WSW	3–6	1·9
26	S	1	WSW	1	W	0–1	W	0–1	W	0–1	NNW	0–1	NNW	1	N	0	N	0	NW	1	NNW	1	WSW	1–2	0·8
27	NW	0	NW	0–1	W	0–1	W	0–1	W	1	S	0–1	SE	1	S	1	SSE	2	SE	2	SE	2	SE	2–3	0·8
28	SW	1–2	S	1–3	SW	1–3	S	1–3	WSW	1–4	WSW	2–4	WSW	1–4	W	2–5	W	1–3	WSW	1–3	WSW	1–3	WSW	1–2	2·3
29	W	0–5	W	0–2	W	1–2	WSW	1–3	NNW	0–3	WSW	0–3	W	0–1	W	1	WSW	0–2	WSW	1–3	WSW	2–4	SSW	2–4	2·2
30	SW	0–3	SW	0–2	SW	1–3	SW	1–3	SW	0–4	SW	0–3	SW	0–4	SW	0–2	SW	0–3	Var.	0–3	SSW	1–3	S	3–6	2·1
31	WSW	0–1	W	2	W	2	WSW	2	SW	0–2	WSW	0–1	SW	0–2	W	1–2	SW	1–2	WSW	1	WSW	1	W	1–2	1 6
Means		1·27		1·32		1·37		1·35		1·13		1·21		1·16		1·37		1·53		1·58		1·60		1·77	1·50

Direction and Force of Wind (0–12). SEPTEMBER 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	W	1	WSW	1–2	WNW	1	WNW	1–2	WSW	1–3	WSW	1–3	W	1–3	W	0–1	NW	0–1	W	1–2	W	1–2	SW	0–3
2	NNW	2	W	1	WNW	0–1	WNW	0–1	WNW	0	NW	0–1	NW	0	NW	0	NW	0–1	NW	0	NW	0	Calm,	0
3	SSW	2	S	2–3	S	3	S	3	S	1–2	S	1	S	2	S	3	SW	2	SSW	1	SW	1	SW	1
4	W	2	SW	2	SW	2	SW	2	SW	1	SSW	1	SSW	1	SW	0	SSW	1	S	0	S	1	SSE	0
5	SE	3–4	SE	4	SE	3–4	ESE	3–4	SE	3–4	SE	4–5	SE	3–4	SE	3	SE	3	SE	3	SE	2	SE	1
6	SE	2	SE	3	SE	2–3	SE	2–3	SE	1	S	1	S	1	SSW	1	S	0–1	S	2	S	2–3	S	2–3
7	NW	2–3	NW	3	NW	2–4	NW	3	W	1–3	W	1–3	W	0–3	W	0–3	SW	0–4	SW	0–4	SW	0–3	SW	0–5
8	SW	4–5	WSW	2–5	SW	4–5	SW	3–4	SW	4–5	SSW	1–4	SW	1–4	SW	1–5	SW	0–4	SSW	1–6	SW	1–6	WSW	1–4
9	W	2–3	W	2–3	SW	3	W	2–3	W	0–1	SW	1	SSE	2–3	SSW	2–3	S	1–4	S	6	S	0–5	SE	8–9
10	WNW	1–2	W	2	WNW	2	N	1–2	WNW	1	WNW	1	W	1	W	0	W	0	WSW	1	W	1	SW	1
11	WSW	2–3	SW	1–3	W	2–3	WSW	2–4	W	3–4	SW	3–5	SW	2–3	W	2–4	S	4	SW	2–5	SSW	3–6	WSW	3–4
12	W	3–5	SW	3–5	SW	2–4	W	2–4	WSW	1–4	WNW	1–3	WNW	2	W	1	W	1–2	W	0	W	0	W	0
13	SW	1	WSW	1	SW	1–2	SSW	2	W	0	SSW	0	S	1	S	0	ESE	1	ESE	1	ESE	1	ESE	2
14	N	1	N	1	N	2	N	1–2	N	2	N	2	N	1	NE	0	Calm,	0	ENE	0	ENE	0	N	0
15	NNE	2	E	1	E	2	ESE	1	E	0	ESE	1	ESE	1	ESE	0–1	SE	1	SE	0	SE	1	SE	1
16	SSW	1	SSW	1	SSW	1–2	SSW	1–2	SSW	1	SSW	1	SSW	1	SSW	1	SSW	1	SSW	2	SSW	0–1	S	1
17	SSW	1–2	SSW	1–2	SSW	2	S	2	S	1	S	1	S	1	S	0	S	1	S	1	SSE	1	SSE	1
18	SE	3	SE	3–4	SE	2–3	SE	3	SE	2	SE	2	SE	3	SE	2	SE	3–4	SE	3–4	SE	3–4	SE	3–4
19	SE	2	SE	2–3	SSE	2	SSW	0	W	1	WSW	1	W	1	W	1	W	1	W	1	W	0	SW	0
20	N	0–1	N	1	N	1–2	N	1–2	N	1	NW	1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SE	0
21	ENE	1–3	NE	1–2	E	2	ENE	2	NE	0	NE	1	E	1	NE	0–1	NNE	1	E	0	ENE	1	N	1
22	NNE	2–3	N	1–3	N	1–3	N	2–3	N	1–2	NNE	2–3	N	2–4	N	0–2	N	1–2	N	1–2	N	1–2	N	1
23	N	2	N	1–2	N	1–3	N	1–3	N	2–4	N	1–3	N	0–1	N	0–1	NW	0–1	NW	0–1	N	1	E	0
24	N	0–2	N	1–2	N	2	Var.	0–1	Calm,	0	Calm,	0	N	0	NNE	1	NNE	0–1	Calm,	0	NW	0	Calm,	0
25	S	1–2	WSW	1–2	WSW	1	SW	1–2	S	1–2	S	0	S	1	S	1	S	1	SSW	1	S	1–2	S	2–3
26	SW	3	WSW	2–3	WNW	2	WNW	2	NW	0	Var.	1–2	S	0–1	NNE	0–1	NE	0–2	N	0–1	Calm,	0	N	1
27	S	4–6	SSW	4–6	SSW	4–6	SSW	4–7	WSW	3–5	WSW	3–5	W	2–4	WNW	2–4	WNW	2–4	NW	2	NW	1–3	Var.	1–3
28	NW	2–5	WNW	2–4	NW	2–4	NW	1–4	WSW	2–4	N	1–3	N	2–3	Var.	1–3	N	1–3	N	2–3	W	1–3	WNW	1–3
29	NW	2	NW	3	NW	2	W	2	WSW	1–2	SW	0–1	SSE	1	SE	2–3	SE	3	SE	3	S	4	SW	2–4
30	SW	2–3	SW	2–3	WSW	2–3	SW	3	SW	2–3	WSW	1–2	W	2–3	WSW	1–2	SW	1–2	SW	1–2	W	1–2	SW	2–3
31																								
Means		2·23		2·25		2·30		2·18		1·60		1·55		1·52		1·22		1·43		1·48		1·42		1·62

Direction and Force of Wind (0–12). OCTOBER 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SSW	3–5	SW	3–5	SSW	2–5	SSW	2–5	SW	4	WSW	3	SW	2–4	SW	2–4	S	4	SW	4	SSW	4	SW	2–4
2	WSW	1	SW	1–2	SW	1–2	W	1–2	W	1	WSW	1	WSW	1–2	SW	2	W	1–2	S	2	W	1	SW	2
3	S	3–4	S	3–4	S	3	S	4–5	SE	4–5	SSE	4	SE	5	SSE	5	SSE	4	SE	5–6	SE	6	SSE	6
4	SE	4	SE	4–5	ESE	4	SE	4	SSE	3	SE	3–4	ESE	4	ESE	5	SE	5	ESE	4–5	SE	5	SE	5
5	SE	5–6	SE	6	SE	6–7	SE	5–7	ESE	6–7	ESE	7	ESE	6–7	ESE	6–7	SE	7–8	SE	7–8	ESE	7–8	ESE	7
6	SE	4–5	SE	4	SE	4–5	SSE	5	S	4	SSE	4–5	S	3–4	SSE	2–3	SSE	2	SE	2	S	1	S	1–2
7	SE	3–4	SE	3	ESE	3	SE	3	SSE	2	S	2	SW	1	WSW	2	SW	1–2	WSW	2	W	1–2	WSW	2
8	S	2–3	S	1	S	2–3	SSE	1–2	S	1–2	S	2	S	2	S	2	S	2	SSE	2–3	SSE	2–3	S	1–2
9	SSW	3	S	3	S	3	SE	3–4	SSE	3–4	SE	3–4	ESE	4	SE	4	SE	4–5	ESE	6	SE	6–7	S	3–5
10	WNW	1–2	W	1	W	1–2	W	2	NW	1–2	N	0–1	Var.	0–1	SW	2	SW	1–2	WSW	2	SW	2–3	SW	2
11	WNW	1	W	0–1	WNW	2	WNW	1	W	1	W	1	W	2	WSW	2	WSW	1–2	SSW	2–3	SW	2–3	SSW	3
12	W	2–4	SSW	3–4	W	2–4	SW	3–5	SSW	4–5	SW	4–5	W	2–5	W	1–4	W	2–4	SW	2–3	WSW	2–3	NW	0–1
13	N	0–2	NE	1	NNE	1	Var.	0–1	Calm,	0	NNW	1	WSW	0–1	W	0–1	N	0–1	W	0–1	NW	0–1	NW	0–1
14	N	0–1	NNE	1	N	1–2	N	1–2	NNW	1	N	1	Var.	0–1	N	0–1	NNW	0–1	N	1	NW	1	WNW	1–2
15	SE	3	SE	3–4	SE	4–5	SE	5–6	ESE	5–6	ESE	7–8	ESE	7	ESE	6–8	ESE	7–8	ESE	4–7	ESE	5–8	E	4–7
16	NE	4–6	NNE	3–5	NNE	5–7	NE	3–5	NE	4–6	N	4–6	N	3–5	N	3–5	N	4–5	N	2–4	ENE	1–2	N	2–3
17	E	1	NE	1–2	E	1–2	E	2	E	2–3	E	3–4	E	2–3	NE	2–4	ENE	1–2	ESE	3	ENE	2–4	N	3–5
18	NNE	4–7	NNE	4–8	NNE	3–7	NE	3–6	NNE	2–4	NE	3–5	N	3–5	N	3–5	NE	2–5	NNE	4–5	NE	3–4	NNE	3–4
19	NNE	2–3	NE	1–3	NE	1–3	N	1–2	NE	1–2	NNE	1	NNE	1–2	N	1–2	NE	1–2	NNE	0–1	NNE	0–1	NNE	1–2
20	ESE	3	ESE	3–4	ESE	3	ESE	3	ESE	1	E	2	ESE	2	ESE	2–3	E	2–3	ESE	2–3	E	2	E	2
21	SW	0	SW	0–1	WSW	0–1	SW	0	SW	0–1	SW	1	SW	1	SSW	1	SSW	2	WSW	1	SSW	1	S	1
22	S	2	SW	1	SW	1	SW	0–1	WSW	0–1	Calm,	0	SSW	0–1	S	1	S	0–1	S	0–1	SE	0–1	SSE	–2
23	SE	2–3	SE	3	SE	3	SE	2–3	SE	2	E	1–2	E	2–3	SE	2–3	SE	2–3	ESE	3	ESE	3	ESE	3
24	E	2	ESE	2–3	ESE	2–3	ESE	2–3	ESE	3	E	3	ESE	3	ESE	3	ESE	3–4	ESE	4	ESE	4	ESE	3
25	SE	3–4	ESE	3	SE	3–4	SE	3–4	ESE	2–3	ESE	3	ESE	2–3	ESE	3	ESE	3	ESE	2	ESE	2–3	ESE	3
26	SE	1–2	SE	3	SE	2	SE	3	SE	2–3	SE	2–3	SE	2	ESE	2	ESE	2	ESE	3	ESE	2	ESE	1–2
27	ESE	4	SE	4–5	SE	4–5	SE	4–5	ESE	4–5	ESE	4	ESE	4	ESE	4	ESE	4–5	ESE	4–5	ESE	4–5	ESE	4–5
28	SE	4	SE	4	SE	4–5	SE	4	ESE	4	SE	4	SE	4	SE	3–4	SE	3	SSE	3	SSE	3	SSE	3
29	S	4	SSE	3	S	3	SSE	3	SSE	3–4	SE	3–4	SSE	3–4	S	3	S	3	S	2–3	S	2	SSW	1–2
30	WSW	3	SW	2–3	WSW	2–3	WSW	1–3	SW	1–2	SSW	1–2	S	1–2	S	1	S	1	S	2	S	2	S	2
31	S	2–4	SSE	4	SE	5–6	SE	6	S	4–5	S	3–5	SW	2–4	W	2–4	W	1–3	SSW	1–2	W	1–2	S	1–2
Means		2·84		2·87		3·07		3·02		2·82		2·89		2·77		2·85		2·81		2·90		2·81		2·71

Direction and Force of Wind (0–12). SEPTEMBER 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force,	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	0-1	WSW	1-2	WNW	1	NW	1-2	SW	2-3	NW	0-2	SW	1-3	WSW	1-2	W	0-2	WSW	1-2	NW	1	W	2-3	1·4
2	NW	0	NNW	0-1	Calm,	0	NNE	1	Calm,	0	E	0	E	0-1	SE	2	SE	2	SSE	2	SSE	2-3	S	2	0·7
3	SW	1	SW	2	SW	2-3	SSW	1	SW	1	WSW	1	W	1	W	2	WNW	2-3	WNW	2-3	W	2-3	W	2	1·8
4	SSE	1	SSE	2	SE	2-3	SE	3	SE	2	SSE	2	SSE	2	SSE	2-3	SSE	2-3	SE	2	SE	2-3	SE	3	1·7
5	SE	1	SE	3	SE	2-3	SE	2	SE	1	ESE	3	ESE	2	SE	2-3	SE	3	SE	2-3	SE	2-3	ESE	2-3	2·7
6	S	2	S	2	SW	2-3	SW	2	SSE	4	S	1-2	S	4-5	SSE	4-5	SSE	4-5	S	4	S	3-5	W	2-4	2·5
7	SW	0-4	WSW	2-4	NW	2-5	W	3	WSW	0-4	SW	2-4	SW	0-3	SW	3	SW	3-4	SSW	3-5	SW	3-5	SW	3-5	2·6
8	SW	1-5	SW	3-5	WSW	3-4	SW	2-5	W	0-4	WSW	0-3	NW	0-1	WNW	2-4	NW	1-3	NW	3	W	3	W	3	3·0
9	SSE	7-8	S	6-7	SW	3-7	SSW	3-6	W	3-6	WSW	3-5	W	3-6	WSW	3-5	W	2-5	NW	2-3	NW	1-3	NW	2	3·6
10	W	1-2	NW	2-3	W	1-3	SSW	1-3	W	1-3	W	1-3	WNW	1-3	W	2-4	W	2-4	SW	2-4	SW	3-4	W	2-4	1·8
11	SW	1-6	WSW	3-5	WSW	3-5	SW	4-5	WSW	2-5	SW	1-5	WSW	1-4	WNW	3-4	W	2-4	W	3-4	W	3-5	WSW	2-4	3·4
12	Calm,	0	WNW	1	NW	1	W	2	WNW	0	W	0	W	0	W	1	NW	1	W	2	NW	1	SSW	1	1·4
13	ESE	2	SE	1	SSE	1	SE	2	ESE	1	ESE	1	ESE	0	Calm,	0	N	0	N	0	N	1	NNW	1	0·9
14	ESE	0	N	1	Var.	0-1	N	1-2	N	1-2	SSE	0	W	1-2	NNE	2	N	1-2	NNE	2	NE	1	N	2	1·0
15	SE	1	SSE	1-2	SSE	1	S	1	S	0	S	0	S	0	SSE	1	SE	1	S	1	S	1-2	S	1	0·9
16	S	1	SSE	1	S	2	SSE	2	SSE	2	S	2	S	2	S	2	S	2	S	2-3	S	2	SSW	1-2	1·5
17	SE	1	SE	1-2	SE	2	SSE	1-2	SE	2	E	2	E	2	ESE	3	ESE	3	SE	3-4	SE	3-4	SE	3-4	1·8
18	SE	3	SE	2-3	ESE	2	SE	2	ESE	1	ESE	1	SE	1	SE	1	SE	1-2	SE	2	SE	1-2	SE	1-2	2·3
19	SW	0	S	0-1	S	1	S	0	Calm,	0	Calm,	0	S	0	S	0	S	0	NNW	0-1	W	0-1	WNW	1	0·7
20	SE	1	E	0	NE	0-1	S	0-1	NE	1	NE	1	NNE	0	N	1-2	NE	1-3	NNE	1-2	NNE	1-3	NE	0-3	0·8
21	NNE	0-2	N	1-2	N	1-3	N	2-3	N	1-3	N	2-4	N	1-3	NNE	2-3	N	1-2	NNE	2-3	N	1-2	NNE	1-3	1·5
22	N	1	N	1-2	N	0-2	Calm,	0	N	1	N	0-1	E	0	N	1-2	N	0-2	N	1-2	N	1-2	N	1	1·4
23	Calm,	0	N	1-2	NE	0-1	NNE	1-2	N	1	E	0	Calm,	0	Calm,	0	Calm,	0	NNE	0	N	1	Var.	0-1	0·9
24	Calm	0	Calm,	0	ESE	0-1	N	0	N	0	Calm,	0	NW	0	Calm,	0	ESE	0-1	SE	1	SSE	1-2	SSE	1	0·5
25	S	2-3	S	2	S	2-3	S	2-3	S	3	S	2-3	S	2-3	S	3	SSW	3	SW	2-3	SW	2-3	SW	2-3	1·9
26	N	0	W	2	W	2-3	SW	2-3	S	2	S	3	S	3	SW	2-4	S	3-4	SSW	4-5	SW	3-5	SSW	3-6	2·0
27	N	1-3	WNW	2	NW	2-3	NW	2-3	W	2	W	2-4	NNW	1-3	NNW	2-5	NW	2-4	NW	2-5	NW	2-4	NW	2-5	3·2
28	NW	2-3	NW	1-3	NW	1-3	NW	2-3	SW	1-3	NW	1-3	N	1-3	N	2-3	NNW	2	NW	1-3	WNW	2-3	N	2-3	2·4
29	WSW	2-4	WSW	2-3	W	3	W	3	W	1-3	WSW	2-3	WSW	2	WNW	2-3	W	3	W	3	W	3	W	2	2·5
30	WSW	1-2	SSW	3	SSE	4	S	4	S	3-4	SSE	4	S	4	S	5	S	4-5	SSW	4	SSW	5-6	SSW	3-6	3·0
31																									
Means		1·52		1·97		2·02		2·05		1·72		1·65		1·57		2·22		2·15		2·33		2·38		2·27	1·86

Direction and Force of Wind (0–12). OCTOBER 1886.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSW	3	SSW	3-4	S	3	SW	1-3	SW	2-3	WSW	1-2	SW	1-2	SW	2	SW	2-3	WSW	2	SW	2	SW	2	2·9
2	Var.	0-1	NW	2	WSW	2-3	SSW	2-3	SW	1-2	S	2-3	S	2	S	3-4	S	3-4	S	3	SSE	3	SSE	4	2·0
3	SE	5-6	S	5	SSE	5-6	SSE	5	SE	4	SE	3-4	SE	4	SE	4-5	SE	4-5	SE	4	SE	4-5	SE	5	4·6
4	ESE	4-5	ESE	4-5	ESE	6-7	ESE	6	ESE	7	SE	6-7	ESE	5	SE	4	SE	4-5	SE	5	SE	5	SE	6	4·8
5	SE	7	SE	6	SE	6-7	SE	6	SE	6-7	SE	5-7	SE	6	SE	5-6	SE	5-6	ESE	6	SE	5	SE	5	6·3
6	S	1	S	1	ESE	1	E	1	ESE	2	SE	3	SE	1	SE	2	Calm,	0	SSE	1-2	ESE	2-3	SE	2-3	2·4
7	WSW	1-2	SW	1-2	SSW	2	S	2	SSE	1-2	SSE	2	SE	2	SE	2	SSE	2	SSE	2	SE	2	SSE	2-3	2·1
8	SSW	2	S	3	SSE	2-3	SSE	2-3	S	2-3	S	2-3	S	2-3	S	3	S	3	S	3-4	S	3	S	3-4	2·4
9	SSE	5-7	SSE	6-7	SSE	6-8	SE	7-8	SE	8	SE	8	SE	7-8	ESE	3-6	SE	4-6	SE	6	W	1	NW	0-2	4·9
10	WSW	1-2	SW	2-3	WSW	2	SW	2	SW	1-2	NNW	1	W	1-2	NW	1	W	2	W	2	NNW	1-2	NW	1-2	1·6
11	SE	3	SSE	3	S	3	SW	2-4	SW	4-5	SW	4-6	SW	4-6	WSW	3-5	WSW	2-5	W	2-4	WSW	2-4	SW	2-4	2·6
12	N	0-1	SW	1-2	SW	1	SW	1	S	1	NNW	0-1	NNW	0-1	Calm,	0	N	0-1	NNE	0-1	NNE	0-2	NNE	1-2	1·9
13	Var.	0-1	NE	1	W	1-2	NW	0-1	Var.	0-1	N	0-1	N	0-1	N	1	NW	1	NNE	1	N	1	Var.	0-1	0·7
14	WSW	1	WNW	1	W	1	W	0-1	N	0-1	WSW	1	WSW	1	W	1	SSW	1-2	S	2	SSE	2	SSE	3	1·1
15	E	3-6	E	4-6	E	3-5	NE	3-6	NE	2-5	NE	3-5	ENE	3-5	NE	3-5	NE	3-5	NE	3-4	NE	3-5	E	3-6	4·9
16	N	2-3	N	1-3	NE	1	NE	1-2	N	2-3	E	0-1	NE	0	NE	0-1	SE	1	E	1-3	ESE	1	Calm,	0	2·6
17	NNE	3-5	NE	2-4	ENE	2-5	NNE	3-6	NNE	4-7	NE	4-7	NE	4-6	NE	2-4	NE	3-6	NNE	3-7	NNE	3-7	NNE	3-4	3·4
18	NNE	3-4	N	3-5	NNE	3-6	NNE	2-6	ENE	2-4	NNE	3-5	NNE	2-4	NE	2-4	NE	2-4	NNE	2-3	NE	1-3	NNE	2-3	3·8
19	NNE	0-1	NNE	1-2	NE	0-1	NE	0-1	E	1-2	E	1-2	ESE	1-2	E	2	E	2-3	ESE	3	ESE	3	E	3	1·6
20	ESE	2	SE	2	SSE	1-2	SSE	1-2	S	0-1	S	0-1	SSW	0	WSW	0-1	SW	1	SSW	0-1	SW	1	SW	0	1·8
21	S	1	SSW	1	SW	0-1	SSW	1	S	2	S	1-2	S	1-2	S	1	S	1-2	S	1	S	1-2	S	1-2	1·0
22	SSW	0-1	S	1	SSE	1	SE	2	SE	2	SE	2	SE	2	SE	1-2	SE	2	SE	2	SE	2-3	SE	2-3	1·3
23	ESE	2	SE	2	ESE	1	ESE	2	E	1-2	E	2-3	Calm,	0	E	2	ESE	1-2	E	1-2	E	0-2	E	1	2·0
24	SSE	2-3	SE	3	SE	3	SE	2-3	ESE	1-2	SE	2-3	ESE	3	SE	2-3	ESE	3-4	SE	3	SE	3-4	SE	4	2·9
25	ESE	2	SE	3	SE	2	SE	2	ESE	2	SE	1	SE	1-2	SE	3	SE	3	ESE	3	SE	3	SE	2	2·6
26	ESE	3	SE	3	SE	3	SE	3	ESE	3	ESE	2-3	ESE	2-3	ESE	3	SE	3-4	SE	3-4	SE	3-4	SE	4	2·7
27	SE	4-5	SE	5	SE	4-5	SE	5	ESE	4-5	ESE	4	SE	5	SE	4-5	SE	4-5	SE	4-5	SE	5	SE	4-5	4·5
28	SSE	3	SE	3	S	3	S	3	SE	4	SE	3-4	SE	3-4	SSE	3	SSE	2-3	SSE	3-4	SSE	3-4	SSE	3	3·4
29	SSW	2-3	SW	2-3	SW	2-4	SW	3	SW	1-2	SW	1-3	SW	1-3	SW	3	SW	2-3	WSW	2-4	SW	3	WSW	2-3	2·8
30	S	2	S	2-3	S	3	S	2-3	S	2-3	S	3	SSE	3-4	SSE	3-4	SE	3-4	SSE	3	SSE	2-4	S	3-5	2·4
31	SW	1-2	S	2	SSW	2-3	S	2-3	S	1-2	S	1-2	S	2-3	SSW	2-3	S	2-3	S	4-5	S	5	S	4-6	3·0
Means		2·55		2·82		2·79		2·79		2·77		2·76		2·60		2·60		2·76		2·90		2·81		2·90	2·81

Direction and Force of Wind (0–12). NOVEMBER 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	S	4	S	5	SSW	3–5	S	4	SW	1–3	SW	1–3	SSW	1–3	SW	2–4	SSW	3–4	WSW	2–4	SSW	2–3	NW	1–3
2	WSW	3–4	WSW	3–4	WSW	1–3	WSW	1–4	WSW	2–3	W	1–2	WNW	1–2	WNW	1–2	NW	1–2	NW	1–2	NW	1–2	W	0–1
3	SSW	2–5	SSW	2–6	SW	4–5	SW	3–6	SSW	3–5	SSW	3–5	SW	2–5	SSW	3–6	SSW	4–6	SSW	3–6	SW	3–6	WSW	2–5
4	NW	2–3	W	1–3	W	2–3	NNW	1–3	W	1–2	W	1–2	W	1–2	WNW	1–3	W	1–3	NW	0–1	W	1–2	W	1–3
5	WNW	1–2	W	1–2	W	2	W	1–2	SSW	1–2	SW	0–1	SSW	0–1	SSE	1–2	SSE	1–2	SE	1–2	SE	1–2	SE	1–2
6	NE	5–8	NNE	5–7	N	4–8	NNE	6–9	NNE	6–8	NNE	6–9	NNE	6–9	N	7–9	N	7–9	N	6–9	N	4–8	N	3–8
7	NE	1–3	ENE	2–3	NE	0–2	NE	1–3	Var.	0–1	E	0–1	E	0–1	ESE	0–1	N	1	NE	0–1	N	0–1	N	0–1
8	SW	2–3	W	2	NW	3	NW	2	WNW	1–2	W	1–3	W	1–3	W	1–2	W	2–3	W	2–3	SW	3	SW	3
9	ESE	1	E	1	ESE	1–2	ENE	1	ESE	3	ESE	3	E	2–3	E	3–4	E	4	ESE	3	ESE	3	ESE	3
10	NNE	1–3	NE	1–3	NE	2–3	NE	3	NNE	2–3	N	3–4	N	1–4	N	3–5	NNE	3–5	N	3–6	N	2–4	N	3–5
11	NNE	3–5	N	1–4	NNE	3–5	N	2–4	N	1–2	N	1–2	N	1–2	N	0–2	N	1	N	1	N	0–1	WNW	0–1
12	NE	2	NNE	1–2	NE	1	Var.	0	Var.	0–1	N	1–2	N	1–3	N	2–4	N	2–4	N	2–3	N	2–3	N	2–3
13	NW	1	NNW	2	NW	2	NW	3	WNW	2	NNW	1–2	NW	0–1	Var.	0–1	N	0–1	Calm,	0	Calm,	0	N	1–2
14	N	1–2	N	2–3	N	2–3	N	2–3	N	1	N	1	N	1	NNW	1	WNW	2	W	1–2	SW	1–2	SW	2
15	SSW	2–3	SSW	3	SW	2–3	SSW	2–3	S	2–3	S	2–3	SE	2	SE	2–3	SE	3–4	SSE	3–4	SSE	3–4	SE	3–4
16	NE	1–3	NE	1	NE	0–1	NE	1	Calm,	0	NNW	0–1	NNW	0–1	N	1–2	NNE	0–1	NNW	0–1	WSW	1–2	SW	2
17	WNW	2–3	WNW	0–1	W	1–2	NW	1	NNE	1–2	NNW	1–2	NNW	1–2	N	1–2	N	1	N	0–1	NNW	1	N	0–1
18	NNE	1–3	NE	1–2	ENE	0–1	NE	1–2	N	2	N	2	N	2	N	1–3	N	1–2	Var.	0–1	N	2	N	1–2
19	S	2–3	S	3	SSW	4	S	4	SSW	3–4	SW	2–3	W	2–3	WSW	1–2	WSW	2	SE	2–3	SW	3	W	1–3
20	SW	2–4	SW	1 3	WSW	2–3	SW	2–3	WSW	3–4	WSW	2–4	SW	1–4	SW	2–4	SW	2–4	WSW	2–4	SW	2–4	SW	2–4
21	NE	1–2	N	1–2	N	2	N	2–3	N	1–2	N	1	N	0–1	N	0	Calm,	0	SSE	1	S	1–2	S	1–2
22	S	3	S	2–3	SSW	3	SW	2	SW	2	SW	1–2	SW	1–2	WSW	1–2	SW	2	SSW	2	SSW	2	SW	2
23	SW	2	SW	2	W	2–3	WNW	2–3	W	2	WNW	2	WNW	2	WNW	2–3	WNW	2–3	WNW	2–3	NW	2–3	W	3
24	W	3	WNW	3–4	WNW	4	NW	2–4	NW	3	WNW	2–3	WNW	2	NW	2	NW	2	NW	2–3	NW	2–3	WNW	2–3
25	N	4–5	N	3–4	N	4–5	N	4	N	2–4	N	3	N	3	N	2	N	1–3	N	3	N	2–4	N	1–3
26	N	3	N	2	N	2	N	1–2	N	1–2	NNE	0–1	ENE	0–1	N	0–1	N	1	N	0–1	NNE	0–1	N	1–2
27	WSW	0–1	W	0–1	W	0–1	SW	1	SW	1	SW	1	SW	1	WSW	1–2	SW	1	WSW	1	WSW	1–2	SW	2
28	SW	3	W	2–3	W	1–3	W	1–3	SW	2–4	W	2–4	SW	2–4	W	1–3	W	2–4	WSW	2–4	W	2–4	W	2–4
29	WSW	2	W	2–4	W	2–4	NW	1–3	W	1–3	WNW	1–3	W	1–4	WNW	1–4	WNW	2–3	WNW	1–3	Var.	1–3	WNW	1–2
30	NE	0–1	NNE	2	NNE	3–4	NE	1–2	NE	2–4	NE	1–4	NE	1–3	NNE	2–3	NNE	2–4	N	2–4	N	3–4	NNE	3–4
31																								
Means		2·50		2·40		2·57		2·43		2·20		2·08		1·93		2·15		2·33		2·17		2·25		2·23

Direction and Force of Wind (0–12). DECEMBER 1886.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NE	1	NE	3–4	NNE	3–4	NE	2–4	NNE	2–4	NNE	2–4	N	3–5	N	1–4	N	2–4	N	2–4	N	2–3	N	1–3
2	E	2	NE	2–4	NE	2–4	NE	2–3	E	1–2	E	1–2	ENE	1–2	NNE	1–2	NNE	1–2	NE	1–2	E	0–1	NE	1–2
3	N	1–2	W	2	WSW	2	W	2–3	W	1–2	W	2	N	1–2	WNW	1–2	W	2	W	2	NW	1–3	W	2–3
4	Var.	0–1	N	1	Var.	1	N	1	NNW	1	N	1–3	N	2–4	N	2–4	N	2–4	N	1–3	N	1–4	N	2–4
5	SW	3–4	SW	4	SSW	4–5	SW	4	SW	2–3	W	1–2	WNW	1–2	N	1	N	0–2	N	1–2	NW	1–2	N	1–2
6	NNE	3–4	N	1–4	N	1–4	NE	2–5	N	2–4	N	2–4	NW	1–3	NW	1–3	NW	1–3	Var.	1–3	Var.	1–3	N	1–4
7	N	1	N	1	N	1	NE	1	N	1–2	N	1–2	N	1	N	0–1	N	0–1	N	1–2	N	0–2	N	0–1
8	SSW	2–3	S	4	SE	5–6	SE	7	SE	8	SE	11	SE	11	SE	10–11	SE	9–10	ESE	4–5	SSE	5	SE	5
9	N	0–2	N	1–3	NE	2–3	ENE	2–4	NE	3–4	NE	1–3	NE	2–3	ENE	3–4	ENE	2–4	NNE	2–4	NE	1–3	NNE	1–3
10	NNE	2–4	NNE	3–5	NNE	4–5	NE	2–3	NE	0–1	N	2	N	2–3	N	1–3	NNW	1–2	N	2–3	N	1–2	NE	1
11	S	2	S	2–3	SSE	3	SE	3	SE	4	SE	5	ESE	6–7	SE	5	SE	4–5	SE	4	SE	4	S	2
12	ESE	2	E	1–2	E	2	Calm,	0	ENE	0–1	NE	1	NNE	1–2	NE	1–2	NE	1–2	NE	1–2	ENE	1–2	E	1–2
13	N	0–2	N	1–4	NNE	3–6	NNE	1–4	NNE	1–4	N	2–3	N	1–3	N	1–2	NE	0–2	NE	3	NNE	2–3	N	1–3
14	NE	1–2	NE	0–2	ENE	1	E	1	NNE	0–1	NE	2–3	NE	1–3	NE	1–2	ENE	1–2	E	1–2	E	1–2	E	1–2
15	E	1–2	E	1–2	E	1–3	E	1–2	ENE	1–2	NE	1–3	NE	1–3	ENE	1–3	E	2–4	N	3–4	NNE	3–5	N	3–5
16	NNE	5–9	N	5–8	N	6–8	N	5–7	N	4–5	N	4–6	N	4–7	N	4–6	N	4–5	N	3–4	NNE	3–4	N	3–4
17	N	1–2	NNE	2–3	NE	2	NE	1–2	E	1–2	NE	1–2	Var.	0–2	SE	0–2	N	0–1	N	0–2	N	0–1	N	0–2
18	N	2–3	N	2–3	N	3	N	1–2	ENE	1–2	N	1–3	NE	1–2	NE	1–3	N	1–2	NE	1–3	N	1–3	N	2
19	N	3–5	N	4–5	N	4	N	2–4	NNE	1–2	N	1–3	N	1–3	N	2–3	NE	0–1	N	1–2	N	2–3	N	2–3
20	NE	1	N	2	N	0–1	NNE	1	Calm,	0	Calm,	0	N	0	N	0–1	Calm,	0	N	1	N	1–2	N	1–2
21	SSW	3	SW	3–4	SW	3	SW	2–3	SSW	2–3	SW	2–3	S	3	S	3	S	3–4	SSW	3	SW	2–4	SW	2–4
22	WSW	2	SW	2	SW	1–2	SW	1–2	SSW	1–2	SSE	2	S	2	SSE	2	SE	2	SE	1	NNE	1	NNE	1–2
23	N	4	N	2–3	N	3–4	N	3	N	2–3	N	1–2	NNE	1	N	1–2	N	1–2	Var.	0–1	NW	0–1	Calm,	0
24	WSW	2–3	SW	2–3	W	2	NNW	2–3	NW	1	WNW	0–1	W	1–2	WSW	1–2	N	1–2	N	2–4	N	2–4	N	2–3
25	NE	1–2	NNE	1–2	N	1	N	0–1	NW	0–1	N	0–1	N	1–2	N	0–2	NNW	1	N	1–2	N	0–2	W	1–2
26	N	2	NNE	1	N	1	N	1	N	1	N	0–1	Calm,	0	SSW	0	S	1	S	1–2	S	1	SSW	0–1
27	N	0–1	N	0–1	N	1–2	N	1	N	0–1	N	0–1	N	1	N	0–1	WNW	1	SW	1	SW	1	SW	2
28	N	1–2	Var.	1	Var.	0–1	N	1	W	0–2	W	1–2	N	0–2	WNW	1–3	W	1–2	W	1–2	NW	1–2	W	1–2
29	N	2–3	N	2	NNE	1	N	1	N	1–2	N	2	N	0–1	Calm,	0	Calm,	0	NNE	0–1	NNE	0–1	NNE	1
30	N	1–2	N	2	N	2	N	2	NE	0–2	N	1	N	1	N	1–2	N	1	N	1	N	0–1	N	0–1
31	SSW	2	SW	3	SW	3	SW	3	S	1–2	S	2	S	2	S	2–3	SSW	2–3	SSW	3	SSW	3	SSW	2–3
Means		2·15		2·44		2·52		2·23		1 89		2·18		2·23		2·13		2·00		2·05		1·94		1·92

	13	14	15	16	17	18	19	20	21	22	23	Midnight.	Mean.
	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	
1	W 1-3	SW 2-3	SW 2-3	SW 1-3	S 3	S 2-4	S 2-4	S 4	S 5	S 4	SW 3-5	WSW 2-5	3·1
2	WNW 1-2	WSW 2	SW 1	SSW 2-3	WSW 1-3	SW 2-4	SW 2-4	SW 2-4	SW 2-4	SW 3-4	SW 1-4	SW 2-5	2·1
3	W 2-4	NW 2-4	WNW 1-3	NW 1-3	N 0-1	Var. 0-2	N 0-2	N 1-3	NW 1-3	W 2-3	NW 1-2	WNW 1-3	3·0
4	W 1-2	NW 2-3	NW 1-2	NW 1-2	N 0-2	W 1-3	NW 0-2	NW 2	NW 1-2	NW 1	WNW 1-2	WNW 1-3	1·7
5	ESE 2	SE 2-3	SE 3	SE 2	E 1-2	Var. 0-1	NE 1-3	ESE 2	NE 3	NNE 2-4	NNE 3-5	NNE 5-7	2·0
6	N 3-7	N 4-6	N 2-6	N 2-5	NNE 2-5	N 2-4	N 1-4	N 1-3	NE 2-4	NE 1-4	NE 0-3	ENE 1-4	5·0
7	N 1-2	NNE 2	N 2	N 3	N 2	N 1-3	N 1	N 2	NE 1-2	WSW 2	SW 2	SW 2-3	1·5
8	SW 3	SW 2	SW 2-3	SW 1-2	SW 2	SW 1-2	SW 1-2	SSW 1	W 0-1	W 1	S 1	SSE 0	1·9
9	ESE 2-3	ESE 3-4	E 1-3	E 1-3	E 3	E 1-3	E 1-2	NE 1-2	NE 1	NNE 1-2	NNE 1-2	NE 2-3	2·2
10	N 3-5	NE 1-4	N 1-3	NNE 2-4	N 2-5	NNE 3-6	N 4-6	NE 2-4	NE 2-5	NNE 3-6	N 2-5	NNE 3-5	3·4
11	WNW 1	SW 2	W 2	W 2	W 2	W 2	W 2-3	W 2	W 2-3	W 2	NW 2-3	N 2-3	2·0
12	N 2-3	N 2	N 2-3	N 2-3	N 1-2	N 1	N 1	N 1-2	N 1	N 1	W 1-2	W 1	1·7
13	Calm, 0	E 0-1	E 0-1	NNE 1-2	N 0-1	N 1-2	N 1-2	NNE 2	NNE 2	NE 1	N 2	N 2	1·2
14	SW 1	S 2-3	S 3	SSW 3	SW 2-3	SW 2-3	SSW 3	SW 3	SW 2-3	SW 2	SW 3	SSW 3	2·1
15	SE 3-4	SE 4-5	S 4	SSE 3-4	S 2-4	S 2-4	W 2-4	SW 2-4	SSW 2-3	SW 1-3	NNW 1	N 1-2	2·9
16	SW 0-1	SW 1-2	SSW 2	SSW 2-3	SW 1-3	SW 1-2	WNW 1-2	W 1-2	W 2	W 1-2	W 2	W 2	1·3
17	NW 0-2	N 0-1	N 1	NNW 0-2	N 1	NNE 0-1	Var. 0-1	NE 1	NE 0-2	NNE 2-5	NNE 1-3	NNE 2-4	1·3
18	NNW 1-2	W 1	SW 1	SW 1	SW 2	SE 2-3	SSW 3	SSW 2	S 2	SSW 2-3	S 3-4	SW 3-4	1·9
19	SSW 2	SW 1-3	SW 1-3	SSW 2	W 1-3	SW 2-3	WSW 1-3	W 1-3	W 2-3	W 1-3	WSW 3	SW 2-3	2·5
20	W 2-4	W 2-3	W 3-4	W 3-4	NNW 1	N 1	N 1-2	N 1-2	NE 1-2	E 1	ENE 1	NNE 2-3	2·4
21	S 2	SSW 1	S 1	SSE 1-2	S 2	S 2-3	S 3	S 2-3	S 3	S 3	S 4	SSE 2-3	1·8
22	SW 2	S 2	SSW 2-3	SSW 2-3	SW 2	W 1-2	WSW 1	SSW 2	SW 2	SW 2	SW 2-3	SW 3	2·1
23	W 2-3	WNW 3	W 3	W 3	WNW 3	WNW 3	NW 2	WNW 2-3	W 2	W 2	WNW 3	W 3	2·5
24	NW 2-3	NW 1-3	NW 3-4	N 3-4	NW 2-3	NNW 1-3	N 1-2	NNW 3	NW 3-4	NNE 4	N 4-5	N 5	2·9
25	N 2-3	N 2-3	NNW 1-3	N 3	N 3	N 3-4	N 4	N 3-4	N 3-4	N 4	N 3-4	N 3-4	3·2
26	NNE 1	N 1-2	NNE 2	N 1	N 0-1	N 0-1	NW 0-1	Calm, 0	Calm, 0	Calm, 0	Calm, 0	Calm, 0	0·9
27	W 2	W 2	W 2	SW 2-3	SW 2	WSW 1-2	SW 2	WSW 2	WSW 2-3	SW 3-4	SW 4	SW 3-4	1·8
28	WSW 3-4	SW 1-3	WSW 2-3	WSW 2-4	W 1-4	SW 2-4	WSW 2-5	SW 3-5	SW 3-6	SW 2-6	W 1-3	W 2-5	2·9
29	NW 1-3	NW 0-2	NNW 1-3	NW 1-3	NW 1-2	Var. 1-3	NNE 1-3	NE 1-3	N 1-2	ENE 1-3	ENE 1-2	N 1	2·0
30	NE 3-4	NE 1-3	NE 1-3	ENE 2-3	N 1-4	NNE 1-3	N 1-3	NNE 2	NNE 2-4	N 1	NE 1-2	NE 1-3	2·4
31													
MEANS	2·17	2·17	2·22	2·33	2·03	2·07	2·08	2·18	2·30	2·25	2·37	2·63	2·26

DIRECTION AND FORCE OF WIND (0–12). DECEMBER 1886.

	13	14	15	16	17	18	19	20	21	22	23	Midnight.	Mean.
	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	Dir'n. Force.	
1	NNW 1-3	N 2-5	N 2-4	NNE 2-4	N 1-4	ENE 1-4	N 1-3	E 1	E 1	E 1-2	NE 2	NE 1-2	2·5
2	NNE 1-2	N 2	N 1-2	NNE 2	N 1	N 1-2	N 1-2	N 2	N 1-2	N 1	NW 1	NW 2	1·7
3	SW 3	SW 3	SW 3	SW 3-4	SSW 3-4	SSW 3-4	SSW 3-4	SW 3-4	SW 3-5	W 2	W 2-3	NW 0-2	2·5
4	N 1-4	Var. 0-2	N 1-3	N 1-3	N 2-3	N 1-3	N 1-2	N 2	N 2	NW 1	NW 2	SW 3	1·9
5	NW 1-2	NW 1-3	WNW 2-3	W 3-4	W 3	W 3	W 2-4	NW 3	WNW 3-5	WNW 3-4	NNW 1-4	N 1-4	2·6
6	W 1-3	WNW 1-2	NW 2	NW 1	W 1-2	SSW 0-2	NNW 1-2	NW 1-2	N 1	NW 0-2	NW 0-2	N 1-3	2·0
7	N 0-2	N 0-2	N 1-2	N 0-1	NNW 0-1	NW 0-1	W 0-1	WNW 2	WNW 2-3	W 1-2	SSW 2	SW 2-3	1·2
8	ESE 5	ESE 4-5	SE 4	ENE 0-2	NNE 0-1	Var. 0-1	N 0-1	NNE 3	NNE 3	N 1-3	N 0-2	Var. 1-3	4·6
9	N 1-2	N 2-3	N 2-4	N 2	N 1-3	NE 1-3	Var. 0-1	NNE 1-3	NNE 2-3	NE 2-4	NNE 1-4	NE 1-4	2·3
10	N 1-2	NNE 2	N 2-3	N 1-2	N 1-2	N 1-3	N 1-2	N 3	N 2	Calm, 0	SW 0	S 1	1·9
11	S 2-3	SW 2	S 2	S 2-3	S 2-3	S 2-3	SSE 2-3	S 3	SSE 2	SE 2-3	SE 2	SE 2-3	3·1
12	ENE 1-2	NE 1	ENE 1-2	ENE 2	NE 2	NNE 2-3	NNE 2-3	NE 3	N 2-3	N 3-5	N 4-5	N 0-2	1·8
13	NNE 1-2	NE 1-3	NNE 1-3	NE 1-3	E 2-3	NE 2-4	NE 2-4	NNE 2-4	NE 2-3	ENE 1-3	NNE 1-3	N 1-3	2·3
14	NE 0-2	E 2-3	ENE 1-3	ENE 2-3	NE 1-2	ENE 1-2	NE 0-1	E 2-3	E 2	E 1-3	ENE 0-2	NE 1-3	1·6
15	NE 4-6	NNE 3-6	NNE 3-6	N 4-7	N 5-6	N 5-7	N 5-7	NNE 5-7	NNE 6-9	NNE 6-9	NNE 6-8	N 6-9	4·2
16	NNE 2-4	NNE 1-2	N 1-2	N 1	NE 0-1	N 1	N 1	N 2	N 2-3	N 1-2	N 2-3	N 2-3	3·4
17	N 1-2	N 2	N 2-3	N 2-3	N 1-3	N 1-2	N 2	N 2	N 3	N 3	N 1-2	NNW 2-3	1·7
18	N 1-2	N 2	N 2	N 1	NNE 1	N 1-2	N 1-2	NNE 2	NNE 3	N 3-4	N 3-4	N 4-5	2·1
19	N 2-3	N 3	N 3-4	N 1-3	N 1-2	N 2-4	N 2-4	NNE 2-4	N 1-2	N 1-3	NNE 1	NE 2	2·4
20	N 1-2	NNW 1	NW 1	NW 2	NW 1	WNW 1	W 1	SW 2	SW 2	SW 2	SW 2-3	SW 2-3	1·2
21	SW 3-4	SW 3-4	SW 3-5	SSW 4	WSW 3-4	SW 4-5	SW 3-5	SW 3-4	SW 3	SW 1-3	WSW 1-2	WSW 1-2	3·1
22	N 2-3	W 1	NE 0-1	N 0-2	N 1-2	N 1-3	N 1-3	NNE 0-2	N 2	NNE 2	N 2-3	N 3-5	1·8
23	Var. 0-1	WNW 1	Calm, 0	W 1-2	SW 1-2	SW 1-2	SW 2	SW 1-2	SW 1-3	SW 2-3	SW 2	SW 3	1·7
24	NNE 2-3	N 2	N 2-3	E 0-2	ENE 1-2	ENE 1-3	ENE 1-2	E 1	NE 2	NE 1-2	N 2-3	NE 1-2	1·9
25	WSW 1-2	WNW 2	WNW 2	NW 0-2	W 1-3	Var. 0-2	WSW 0-1	W 1	W 0-1	N 1	N 1	N 1-2	1·2
26	SW 1	W 0-1	Calm, 0	N 0-1	N 0-1	N 1	N 0-1	N 0-1	N 1	N 1-2	N 1	N 1	0·8
27	SSW 2-3	SW 2	S 3-4	S 4	S 4-5	SSW 4	SW 4	W 2-3	W 2	NW 2	N 2	N 1-3	1·9
28	NNW 1-2	NW 0-1	NW 0-1	W 1	NW 1-2	W 0-2	W 0-1	N 1	N 1-2	N 1-2	N 2-3	NNE 2	1·3
29	Var. 0-1	N 0-2	N 1-2	N 1-2	NNE 1	N 1-2	N 1-2	N 1-2	N 1-2	N 1-2	ENE 0-1	NNE 2	1·2
30	NW 1	NW 1-2	WNW 1	NW 0-1	W 1	W 0-1	W 1	WSW 1	SW 1-2	SW 1-2	SSW 2	SSW 2	1·2
31	SSW 2-3	SW 2	SW 2	SW 2-3	SW 2-3	SSW 3	SSW 2-3	SW 2-3	SW 2-3	SW 2-3	SW 2	SW 2-3	2·5
MEANS	2·02	1·98	2·10	1·98	1·92	2·06	1·90	2·21	2·31	2·13	2·05	2·32	2·12

Direction and Force of Wind (0–12). JANUARY 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SW	3	SW	3	SW	2–3	SW	2–3	SSW	2–3	SSW	3	SW	2–3	SW	2–3	SSW	3	SW	3	SSW	2–3	SSW	2–3
2	SW	2–3	SW	2–3	SSW	2–3	SW	3	SW	2	SW	2	SW	2–3	SSW	2–3	SSW	2–3	SW	2–3	SSW	2–3	S	2–3
3	SW	2–5	SW	2–4	SW	2–4	WSW	3–4	WSW	2–4	SW	3–4	SSW	3–5	SSW	3–5	S	3–6	S	5–7	S	6	S	6–9
4	N	2	N	2–3	NNE	2	NNE	2–3	NE	1–2	N	2	N	2	NE	0–2	NNE	1–2	NNE	0–1	N	0–1	WNW	0–1
5	SE	7–8	SSE	6–8	SE	6	SSE	5	SE	4	SE	4	SE	3	SE	1	S	0–1	S	1	SSE	1	S	1
6	SSE	0–1	SSE	0	SSE	0–1	S	0–1	SE	1–2	ESE	1	ENE	0	ESE	1	E	1	E	1–2	ESE	1	NE	1
7	NE	2–4	N	2–3	N	1–3	NNE	2–4	N	3–4	N	2–4	N	2–4	ENE	2–3	E	2–4	E	2–4	E	1–3	ENE	1–2
8	NE	2–4	NNE	2–4	NNE	2–3	NNE	2–4	NNE	1–3	NNE	1–2	N	1–2	NNE	1–3	NE	1–2	NE	1–2	NNE	0–1	Calm,	0
9	ESE	2	SE	2	ESE	2	ESE	2	E	1	E	2	ESE	1	ESE	2	E	2	E	2	E	2–3	ESE	2–3
10	SE	2–3	SE	2–3	SSE	2–3	SSE	2–3	SSE	2	S	2–3	S	2–3	S	2	S	2–3	S	2–3	S	2–3	S	2–3
11	SSE	8–9	S	9–10	SSE	10	SSE	10	SE	9–10	SE	10	SSE	9–10	SSE	8–9	S	8	S	7	SSW	6–7	WNW	1–3
12	WNW	2–3	W	2–3	WNW	2–4	WNW	0–2	W	1	N	1–2	W	1–2	W	1–2	WNW	1–2	W	1–2	WNW	1–2	Var.	0–1
13	SW	3–5	SSW	3–5	SSW	3–5	SW	2–4	SSW	3–4	WSW	2–4	SW	2–4	SW	2–4	WSW	3	WSW	2–4	WSW	2–5	W	1–4
14	NE	1	N	1–2	N	1–2	NNE	1	ENE	0–1	NNW	0–2	N	1–2	NNE	1–2	N	1–2	N	1–2	N	0–2	N	0–1
15	W	3	WSW	2–3	WSW	2–3	W	2–3	W	1	W	0–1	SSW	0–1	S	0–1	S	1	SSE	1–2	S	2	SE	2
16	SE	6	SE	5	SE	4–5	SE	4–5	ESE	5	ESE	3–4	SE	4	E	4–5	ESE	4	E	3–4	SE	4–5	SE	4
17	SE	4	SE	5	SE	4–5	SE	4–5	ESE	4	SE	5	SSE	6–7	SSE	7	SE	8	SSE	9	SSE	10	SSE	10
18	NW	1–2	NW	1–3	NW	1–3	NW	0–2	NW	1–2	NW	0–2	Var.	0–1	NNW	0–1	NW	0–1	NW	0–1	Var.	0–2	WNW	0–2
19	SW	4–6	SW	3–6	WSW	4–5	WSW	3–5	WSW	4–6	WSW	5–7	SW	5–7	WSW	5–7	WSW	4–7	W	2–4	N	0–1	Var.	0–1
20	NE	2–4	NNE	2–4	NNE	2–4	N	1–2	N	2–3	Var.	0–1	NE	1–3	ENE	1–2	N	0–2	N	1–2	N	0–1	NW	0–2
21	WNW	1–3	NW	2–4	W	3–4	WNW	2–4	WNW	2–3	NW	1–3	WNW	2–3	WNW	1–2	NW	1–2	NW	1–3	NNW	1–3	NW	1–3
22	WNW	3–4	W	2–4	W	2–4	WNW	3–4	W	1–3	WNW	1–2	NW	1–2	Var.	1–2	N	0–1	N	0–1	NNW	0–2	NNW	0–2
23	WNW	1–2	W	1–2	W	1–2	NW	1–2	W	1–2	WSW	1–2	WSW	2	SW	1–2	SW	1–2	SSW	1–2	SSW	1–2	SW	1–2
24	SW	2–3	SW	3	SW	3–4	SSW	2–4	S	2	S	2–3	S	2	S	2–3	SSE	2	SE	2	SSE	3	S	3
25	SW	2–4	SW	2–4	SW	2–5	SW	2–5	SW	2–5	SW	3–4	SW	2–5	SSW	2–4	SSW	3–5	SW	3–5	SW	2–5	SW	4–6
26	SW	4–8	SW	4–8	SW	6–10	SW	6–9	SW	4–7	SW	3–7	SW	3–6	WSW	4–5	SSW	3–5	SW	3–5	SW	3–4	SW	3–4
27	SW	1–3	SW	3	SW	3–5	SW	3–6	SW	3–5	SW	4–6	SSW	3–4	SSW	3–5	SW	2–5	SSW	4–5	SSW	4–7	SW	4–7
28	SW	2–5	WSW	3–5	WSW	2–4	SW	2–4	WSW	2–4	W	2–5	WSW	2–4	W	2–5	W	2–4	NW	2–4	NW	2–3	WNW	2–4
29	WNW	3–7	W	4–6	WNW	3–6	W	3–6	W	3–4	W	4–5	W	4–6	W	2–5	WSW	3–5	W	3–5	SW	4–5	SW	3–5
30	WNW	3–5	W	2–5	W	1–5	W	2–4	W	2–5	SW	3–5	WSW	3–4	WSW	3–4	WSW	2–5	SW	3–4	SW	2–5	SW	3–5
31	NW	0–1	NW	0–1	WNW	1	SW	1	WSW	1–2	WSW	2	SW	1–2	SSW	2–4	SSW	2–4	SW	3–5	SSW	2–5	SW	2–5
Means		3·25		3·32		3·32		3·18		2·87		2·95		2·85		2·84		2·78		2·85		2·78		2·63

Direction and Force of Wind (0–12). FEBRUARY 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	WNW	1	Var.	1	Var.	1	NW	1	SSW	0–1	W	0–2	W	0–2	W	0–1	W	0–2	N	0–2	WNW	0–2	NW	1–2
2	SW	2–3	S	3	S	3–4	SSW	1–4	SSW	3–5	S	4–6	S	2–5	S	5–6	S	6–7	S	8	S	6–7	S	5–7
3	WSW	2–3	SW	3–4	SW	4–5	SW	4–7	SW	5–8	W	2–6	NW	3–7	WNW	1–3	NW	1–3	WNW	2–3	W	2–3	WSW	1–3
4	NW	2–3	WNW	1–3	WNW	2–3	WNW	2–4	W	1–4	W	1–3	W	1–4	W	2–4	WNW	2–4	WNW	2–4	W	2–4	W	2–3
5	SW	3–4	WSW	1–3	WNW	2	NW	1	NW	1	W	0–1	NW	0–1	WNW	0–1	NW	1–2	W	1–3	WNW	1	Var.	0–1
6	N	2–3	N	1–2	N	2	N	2	N	0–1	S	0	SSE	0–1	SE	1	SSE	2–3	SSE	1	SE	2–3	SSE	3
7	SSW	4	SSW	3–4	SSW	3–4	SSW	4	SSW	3	SW	2–3	S	2	S	2–3	SSW	1–2	SW	1–2	S	1–2	S	1–2
8	SSW	2–3	SSW	2–3	S	2–3	S	2	S	2–3	SSW	2–3	SSW	2–3	SW	2–3	SW	2–3	SSW	2–3	SSW	2–3	SW	3
9	S	4	S	4	SSW	4	SSW	2–3	S	2–3	S	2–3	S	2–3	SSW	2–3	SSW	2–3	S	2–3	SSW	2–3	SW	2–3
10	SW	3	SW	3	WSW	3	W	3	W	2–3	W	2–3	W	2–3	NW	1–2	N	1–2	NNE	1–2	N	1–2	N	1
11	ESE	2	SE	2	ESE	2	E	1	E	1	NE	0–1	NE	0–1	ENE	1–2	E	0–1	E	0–1	E	1–2	NE	0
12	NE	0–2	NNE	0–2	NE	1	E	1–2	E	1–2	E	1–2	ENE	1–2	NE	0–1	E	1–2	N	0–1	E	1–2	NE	1–2
13	NE	2	NE	2	NNE	1–2	NNE	1–2	NNE	1	N	0–1	N	0–1	Var.	0–1	N	1	N	0–1	N	0–1	N	0–1
14	NNE	1–2	N	1–2	NE	1–2	NNE	1–2	N	2–3	N	1–3	N	1–2	NNE	1–2	N	1–2	NE	0–2	NNE	0–2	E	0–1
15	SSE	3	S	2–3	S	3	S	2–3	S	2	S	1–2	S	2	S	2	SSE	2	SE	2	SSE	1–2	S	2
16	S	2–3	S	2–3	S	2–3	S	2–3	S	2–3	S	2–3	S	2	S	2–3	SSW	2–3	SSW	2–3	S	2–3	SSW	2–3
17	SW	2	WSW	2	SW	2	SW	2–3	WSW	1	WSW	2	S	2	S	1–2	S	2	S	3	S	2–3	S	2
18	W	2–3	W	1–2	NW	0–2	NNW	0–2	N	0–1	Var.	0	N	1–2	NNE	0–2	E	2	ENE	1–3	ENE	1–3	N	1–2
19	NE	1–3	ENE	2–3	NNE	2–3	N	2	SSE	0–1	N	0–1	N	0–2	E	1–2	N	0–1	ENE	0–2	N	0–2	N	0–1
20	SSW	2	SW	2–3	SSW	3	SW	2–3	SW	2–3	SW	2–3	SW	2	SW	2	W	2–3	W	2–3	W	1–3	SSW	2–3
21	Var.	1	NW	1–2	N	1–2	NW	1–2	N	1–2	N	1–2	N	1–2	WNW	1–2	NW	1–2	N	1–2	WNW	1–2	N	0–2
22	SW	3	SW	3–4	SW	2–3	SW	2–4	WSW	2–3	WSW	2–3	SW	2–3	SW	2–4	SW	2–4	SW	2–4	SSW	2–4	SW	2–4
23	WNW	2–3	NW	2–3	NW	1–3	WNW	1–3	WSW	1–3	WSW	2–3	W	1–3	SW	1–3	SSW	2–4	W	2–4	W	3–4	SW	3–5
24	WSW	3–7	WSW	4–7	WSW	4–8	SW	4–7	W	3–4	WSW	2–4	SW	1–4	WSW	2–3	WSW	2–3	SW	2–3	SW	2–3	SSW	3
25	NW	1–3	NW	2–3	W	1–2	NW	1–2	Var.	1–2	Var.	1–2	NE	1–2	N	1–2	N	2–3	NE	1–3	NE	2–3	NE	1–3
26	S	3	S	3–4	S	3	S	4–5	SSW	3–5	SSW	4–6	S	4–7	S	5–6	SSW	5–7	SSW	3–7	SW	4–7	SW	3–6
27	SW	3–4	SW	3–5	SW	3–6	SW	3–4	SW	3–4	SW	3	SW	3–4	SW	2–3	SW	3–4	WSW	3–4	WSW	3–4	SSW	4
28	SW	3–5	SW	2–4	SW	4	SSW	4	SSW	3–4	S	3–4	S	3–4	S	3	S	3	SSW	3	SW	3–4	SSW	3–4
29																								
30																								
31																								
Means		2·59		2·57		2·62		2·52		2·23		2·09		2·12		2·05		2·34		2·30		2·36		2·21

Direction and Force of Wind (0–12). JANUARY 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SSW	3	SW	2–3	SW	3	SW	3	SSW	3	SW	3	SW	3	SW	3	SW	3–4	SSW	3	SW	2–3	SW	2	2·8
2	SW	2	W	1–2	NNW	1–3	NNW	3	NW	0–1	NNW	0–1	NNW	1	W	2	W	2–3	WSW	2–3	SW	3	WSW	2–3	2·2
3	SSE	7–8	S	7–9	S	6–8	SW	6–7	W	0–3	NW	1–3	NNE	1–2	N	0–2	NNW	1–2	N	1–2	N	1	N	1–2	3·8
4	W	0–1	W	1	SW	2	SW	2	SSW	2–3	SW	2–4	S	3–4	SE	5	SE	6	SE	6	SSE	7–8	SSE	6	2·6
5	SSW	1–2	S	1–2	S	1–2	S	2	S	1–2	S	1–2	S	1–2	S	1–2	S	1	S	1	S	0–1	S	0–1	2·4
6	E	0–1	NNE	1	NNE	1–2	N	1	NNE	1–2	NE	1–2	NE	1–2	ENE	1–2	NE	0–2	NE	1–2	NNE	2	N	1–3	1·1
7	E	1–2	NE	1–2	NE	1–3	NE	0–2	NE	1–3	ENE	1–2	ENE	1–2	ENE	1–2	ENE	2	ENE	2	ENE	1–2	NNE	2–3	2·2
8	NE	0–2	Var.	0–1	E	1	Var.	0–1	NE	0	E	1	E	1–2	ESE	2	E	2	ESE	2–3	ESE	2	ESE	2	1·6
9	ESE	2–3	ESE	2	SE	2	SE	2–3	SE	2–3	ESE	2	ESE	2	SE	2–3	SE	2–3	SE	2–3	SE	2–3	SE	3	2·1
10	SSW	2	SW	2–3	SW	2	SW	3	S	3	S	3	SSE	3	SE	3	SE	4	SSE	5–6	SSE	7–8	SSE	8	3·1
11	W	1–3	WNW	0–2	NW	1–2	NNW	2	NW	1–3	WNW	0–1	W	0–2	W	2–3	W	2–3	W	2–4	WSW	2–3	WSW	2–4	5·1
12	W	1–2	WSW	2–3	WSW	1–3	W	2	SSW	3	SW	1–3	SW	3–4	SW	3–4	SW	3–5	SSW	3–5	SW	3–6	SW	4–6	2·4
13	SW	3–4	W	2–3	WSW	2	NW	1–2	NW	0–2	NW	0–1	WNW	0–1	NW	1–2	N	2	N	1–2	N	1	N	0–2	2·4
14	N	0	N	0–1	NW	0–1	WNW	1–2	W	1–2	W	1–2	W	2	W	3	W	3	W	2–3	W	2–3	W	2–3	1·5
15	SE	2–3	SE	2–3	SE	3	SE	2–3	ESE	3	SE	4–5	ESE	5	SE	4–5	SE	4–5	SE	5	SE	5	SE	6	2·8
16	SE	3–4	SE	3–4	ESE	3	SE	3	SE	3	S	3	SSE	2–3	SE	3–4	SE	3–4	SE	3–4	SE	3	SE	4	3·8
17	SSE	9–10	SSE	7–9	S	5–7	SSW	4–5	SW	4–5	SSW	3–5	WSW	2–4	W	1–3	WSW	2–3	WNW	2–3	WNW	2	NW	2–3	5·4
18	SW	1	SW	2–3	S	2–3	S	3	S	4	S	4–5	SSE	5–6	SE	6–7	SSE	7	SSE	6–7	S	5–6	SW	5	2·8
19	N	1–2	N	1	NNE	2	NE	1–2	N	0–2	N	1–3	NE	0–2	NE	0–2	NE	1–2	NE	1–3	NE	1–2	Var.	1	2·8
20	N	0–1	N	1–2	N	1–2	NW	2	NW	2–3	W	1–2	W	0–2	W	1–2	W	1–2	W	0–2	W	1–2	WNW	0–2	1·6
21	N	1–3	WNW	1–2	WNW	2–4	NW	1–3	NW	1–3	NW	1–3	NW	1–3	W	1–3	WNW	2–4	W	2–4	W	2–4	WNW	2–4	2·3
22	N	0–2	NW	0–1	NNW	0–1	N	1–2	N	1–2	NNW	0–1	N	0–2	NNW	1	NW	1	WNW	1–2	NW	0–2	NW	1	1·4
23	SW	1–2	SW	1–2	SW	1–2	SW	1–2	S	2	SW	1–2	SW	1	SW	2	SSW	2	SW	2–3	SW	3	SSW	3	1·7
24	S	3	SW	2–3	SSW	4–5	SW	2–5	SSW	4–5	S	3–6	SSW	3–6	SW	3–6	SW	2–6	SW	3–6	SW	2–6	SW	2–5	3·3
25	SW	4–5	SW	3–5	SW	3–5	WSW	3–5	WSW	3–4	W	3–6	SW	2–5	SW	3–5	SW	4–6	SW	2–6	WSW	3–6	WSW	3–6	3·9
26	WSW	2–4	SW	3	WSW	2	SW	2–3	SW	2–3	SW	3	SSW	2–3	SW	2	SW	2	SW	2	SW	2–3	SW	3	3·8
27	SSW	4–6	SW	4–6	WSW	2–5	SW	4–5	SW	3–5	SW	3–5	SW	4–6	SW	3–6	SW	2–6	SW	3–6	SW	4–6	SW	4–7	4·3
28	W	3–5	WSW	3–6	SW	3–7	SW	4–7	SW	4–6	WSW	5–6	SW	4–6	WSW	4–6	WSW	4–6	SW	4–7	WSW	4–7	W	3–5	4·1
29	SW	3–4	SW	3–5	SW	3–5	WSW	3–4	SW	2–5	WSW	3–4	WSW	2–5	WNW	3–4	WSW	3–5	WSW	3–5	W	2–5	WNW	2–5	4·0
30	W	2–5	WSW	2–4	WSW	2–3	W	2	NNW	1	NNW	0–2	NW	0–1	N	1	NW	1	NNW	1	NNW	0–1	N	0–1	2·5
31	SW	2–5	SSW	3–5	SW	4–6	SSW	3–6	WSW	3–6	WSW	3–6	WSW	2–5	NW	2–3	W	1–3	W	1–2	W	1–3	WNW	1–2	2·7
Means		2·65		2·61		2·69		2·68		2·50		2·47		2·48		2·73		2·94		3·02		3·02		3·03	2·85

Direction and Force of Wind (0–12). FEBRUARY 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NW	1–2	N	1–2	NE	1–2	N	1	Var.	0–2	NNW	0–2	NNW	0–2	NNW	1	NW	1–2	WNW	1	SW	1–2	SW	2–3	1·1
2	S	5–7	S	6	S	5–6	SW	3–4	W	1–3	NW	1–2	WNW	1–2	WNW	2	WNW	2–4	NW	1–3	W	1–3	SW	2–3	3·9
3	NW	1–3	WNW	1–3	NW	1–2	NW	2–4	WNW	2–4	WSW	1–3	W	1–2	W	2	WNW	1	WNW	1	NW	0–2	NW	1–2	2·7
4	W	1–3	W	2–3	SW	2–3	WSW	1–3	W	2–3	WSW	2–3	WSW	0–2	SW	1	SSW	2	S	3	S	3–4	SSW	3–4	2·5
5	N	0–2	NW	1–2	W	1–4	NW	1–3	NNW	2–4	N	1–3	N	2–3	NNE	2–4	NNE	2–4	NNE	2–3	N	2–3	N	2–3	1·8
6	SSE	3	S	2	S	3	S	5	S	3–4	S	4	S	4	S	3–4	S	4–5	S	4	S	4	S	4–5	2·7
7	SSW	3–4	SW	3	SW	3	SSW	3	SSW	3	S	2–3	SW	2–3	SW	3	SW	3	SW	2–3	SSW	2–3	SSW	3	2·7
8	S	3	S	3–4	S	3–4	S	3–4	S	2–3	S	2–3	S	2–3	SSW	3	SSW	3	SSW	3	SSW	4	S	3	2·8
9	SW	2–3	SSW	2–3	SSW	2–3	SSW	3	SW	2	SW	2	SSW	2	SW	2	SW	2–3	SW	2–3	SW	3	SW	3	2·7
10	Var.	0–1	NNE	0–1	NNE	1	N	1	N	0–1	NE	0–1	NNE	0–2	N	1	N	0–1	E	1	ESE	1–2	NE	0–1	1·5
11	Var.	0–1	ENE	0–1	NE	0–1	ENE	1–2	NE	1	NE	1–2	E	1–2	E	1	E	1	NE	0–2	E	1–2	E	1–3	1·1
12	E	1–2	E	1–2	E	2	E	1–2	E	1–2	E	0–1	E	0–1	NNE	0–1	E	1	NE	0–1	NE	1–2	NE	2–3	1·2
13	N	0–1	N	1	N	1	Var.	0–1	NNE	0–1	ENE	1–2	NE	0–2	NNE	1	NE	1	NNE	1–2	NE	1–2	NE	1–2	1·0
14	E	0–1	ESE	1	ESE	2	SE	1	ESE	2	SE	2	SE	2–3	SE	3	SE	3	SSE	3	S	2–3	S	2–3	1·8
15	S	2	SSE	2	SSE	2	S	2	S	2	S	1–2	S	2–3	S	2	S	3	S	3	S	2–3	S	3	2·2
16	SW	2–3	SW	2–3	SW	2–3	SW	3	W	1	W	0–1	WSW	1	WSW	1	W	1	WSW	1	SW	2	WSW	2	2·1
17	S	2	SW	2	SW	3	SW	2–3	SW	2	SW	2–3	SSW	2–3	SW	2	SW	3	WSW	2–3	W	2–3	W	3	2·2
18	ENE	1–2	NE	1–3	NE	1–3	ENE	2	NE	1–2	ENE	1–2	ENE	1–2	ENE	1–2	NE	1–2	E	1–2	NNE	2	NE	0–2	·5
19	N	1–2	WNW	2	W	2	W	2	WSW	2	WSW	2	SW	2	SW	2	SW	2–3	SW	3–4	SW	3	SW	2–3	1·8
20	WNW	1–3	W	1	W	0–2	NW	0–2	Var.	0–2	NW	1–2	NW	1–2	N	1–2	N	1–2	N	1–2	NW	0–2	N	1	1·8
21	W	1–2	WNW	1	NW	1–2	WNW	1–2	WNW	1–2	WSW	1–2	W	1–2	WSW	2	SW	3	WSW	2–3	SW	2–3	SW	2–3	1·6
22	SW	2–4	SW	3–5	WSW	2–6	W	2–4	W	2–4	WSW	2–3	SW	2–4	W	2–4	W	1–4	W	2–4	WNW	1–4	WNW	2–4	3·0
23	SW	2–5	WSW	2–5	SW	2–5	SW	3–7	SW	3–5	SW	4–6	SW	3–6	SW	2–5	WSW	3–6	WSW	3–6	WSW	4–7	SW	4–7	3·5
24	SSW	3–5	SW	3–6	SW	2–4	SW	3–4	W	1–3	WSW	1–2	W	2	W	2	WNW	1–2	NW	1–3	NW	1–3	NW	1–3	3·1
25	NE	1–2	E	1	NNE	2–3	NNE	3	N	1	N	1–2	N	1	WSW	2	NW	1–2	SSW	2	S	2–3	S	2–3	1·9
26	SW	4–6	SW	3–5	SW	4–5	SW	4–6	WSW	4–5	SW	4–6	SW	5	SW	3–6	SSW	2–5	SW	2–5	SW	4–6	SSW	2–6	4·5
27	SW	2–4	WSW	3–5	SW	3–4	SSW	4–6	W	3–5	SW	2–5	SW	3–4	SW	3–6	SW	2–5	WSW	3–5	WSW	5	SW	3–5	3·8
28	SSW	3–4	SSW	3–5	SW	4–5	S	4–5	S	3	S	2–3	SW	2–3	SSW	3	SSW	3	SW	4	WSW	3–5	WSW	2–3	3·4
29																									
30																									
31																									
Means		2·30		2·38		2·55		2·66		2·16		2·09		2·11		2·20		2·34		2·39		2·66		2·62	2·35

Direction and Force of Wind (0–12). MARCH 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SW	3-4	WSW	4	NNW	2-3	WNW	3-4	WNW	1-2	NNW	1-2	NNW	1-3	N	1-2	N	1-2	NW	1-2	NW	1-2	NW	1-2
2	NW	3	NNW	2	NW	2-3	NNW	2	N	1-2	NW	1-2	NW	1-2	NNW	1-2	NW	2	WNW	2	W	2	W	2
3	W	2-3	WNW	2	NW	2	WNW	1-2	Var.	0-1	WNW	2	NW	0-1	N	1	NW	1-2	WNW	1-2	WNW	2	W	2
4	W	3	W	3	W	3	WNW	3	W	2	WNW	2-3	W	2	WNW	2	W	2	NW	1	W	1	W	1
5	W	3	W	2-3	WNW	3	WNW	3	W	2	W	2	W	2	W	1-2	W	1-2	SW	1	SW	1-2	SW	1
6	SW	1	SW	2	SW	1-2	W	2	W	2	WNW	2	WNW	2	N	1-2	N	1-2	NW	0-1	NNW	1-2	NW	1
7	SE	1	Calm,	0	Calm,	0	Calm,	0	ESE	0	Calm,	0	ESE	0-1	ESE	1	SE	1	SE	1-2	SE	1-2	SE	2
8	SE	3	SSE	2-3	S	2-3	S	2	S	1-2	S	2	S	2	S	2-3	SSE	2	S	2-3	S	2-3	S	2
9	NE	1-2	ENE	1-2	ENE	1-2	E	1-2	NNE	1-2	N	1-2	N	1-2	NE	1-2	ENE	1-2	E	1-2	N	0-2	N	0-1
10	SE	1	ESE	1	SE	1	SE	1-2	SE	2	SE	2	ESE	2	ESE	2-3	ESE	2-3	ESE	2-3	SE	2-3	SE	2-3
11	SE	3-4	ESE	4	ESE	3	E	2-3	E	2-3	ENE	0-2	NE	1-2	ESE	0-1	NE	0-1	N	1-3	NE	1-3	NNE	1-3
12	N	2-4	N	3-5	N	3-5	N	2-4	N	2-4	N	2-4	NE	1-4	N	2-3	N	2-3	N	2	N	1-2	N	1-2
13	NE	1-3	E	1	S	0	N	0-2	Var.	0-1	NE	1-2	NE	0-2	NE	0-2	NE	1-2	N	1-2	N	0-2	N	0-2
14	NNE	2-3	NNE	1-2	N	1-2	N	1-2	N	0-1	N	0-1	N	0-1	NNE	1-2	N	1-2	N	1-3	N	1-3	N	1-2
15	E	2-4	NE	2-3	E	1-3	E	1-3	NE	1-2	NNE	1-3	NE	1-3	NE	1-3	N	2-3	N	2-4	NNE	1-3	NNE	1-3
16	NW	0-1	NNE	1	ENE	1	NE	0	N	0	NE	0	N	0-1	N	0-1	N	0	E	0	SSE	0	SW	0-1
17	NW	0-1	Calm,	0	N	0-2	WNW	1-2	WNW	2	WNW	2-3	WNW	1-2	NW	2	NW	1	NNW	1	WNW	1	NW	0-1
18	NE	1	NNE	0-1	ENE	1	NE	1	E	1-2	NE	0-2	NE	1	N	1	NNE	1-2	E	1	NE	0-2	N	1
19	W	0-1	N	0-1	WNW	1	NW	1	W	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SSW	0	S	0	S	0-1
20	SE	1-2	SE	1-2	SE	1-2	SE	1-2	SE	2-3	SE	2-3	SE	2	ESE	2	ESE	1	E	1	E	2	E	1-2
21	SE	1-2	SE	1-2	ESE	2	SE	1-2	SE	2	SE	1-2	SE	2	SE	2	SE	2-3	ESE	2-3	SE	2-3	ESE	2-3
22	SE	5	ESE	4-5	ESE	5	ESE	5	ESE	4	ESE	3-4	ESE	3-4	SE	3	ESE	3	SE	3-4	SE	3	SE	2-3
23	S	3-4	SSW	2	SSW	3	S	2-3	S	2-3	S	2	SW	1-2	SW	2	W	1-3	SW	2-3	SW	1-2	WSW	1-2
24	WNW	2	NNW	2-4	NW	2-3	NW	2-3	WNW	1-3	WNW	2-3	NW	2-3	W	1-3	NW	1-2	W	1-3	WSW	2-3	SW	1-3
25	N	1-2	WNW	1-2	WNW	1-2	N	1	N	0-2	NE	2-3	NNE	1-3	NE	2-3	NE	1-3	N	1-3	NE	2-4	NE	2-4
26	NE	2-3	NNE	2-3	NE	2-3	NE	1-3	N	1-2	N	1-2	NNW	1	N	0-1	NW	0	W	1	SW	1	SW	1
27	SW	4-5	SW	4-6	WSW	3-4	W	1-3	Var.	0-2	NW	0-2	Var.	0-2	W	1-3	NW	1-3	N	1-3	NNE	1-3	N	1-3
28	NE	2-4	NE	2-4	NE	3-4	ENE	2-5	ENE	2-3	ENE	2-4	ENE	2-4	N	2-3	NNE	2-3	NNE	2-3	N	2-3	N	2-3
29	Calm,	0	Var.	0-1	Var.	0-1	Var.	0-1	ENE	1-2	N	1-2	N	0-1	NE	0-1	NE	0-1	N	0-1	ENE	0-1	NE	0-1
30	NW	1-3	NNW	2-3	NNW	3	N	3	N	2-3	N	2-3	N	2	NNW	2	NNW	1-2	NNW	1	NW	1-2	NW	2
31	NE	1	NNE	1-2	Var.	0-2	NE	1-3	Var.	1-2	NW	1-2	NE	1-2	ENE	1-3	N	1-3	NE	1-2	NE	1-3	NE	1-3
Means		2·16		2·08		2·05		1·95		1·63		1·74		1·58		1·63		1·56		1·61		1·66		1·58

Direction and Force of Wind (0–12). APRIL 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	N	3-5	N	2-5	NE	3-8	NNE	3-7	NE	2-5	N	2-4	N	2-4	NNE	1-3	NNE	1-3	N	1-2	N	1-3	NNE	1-2
2	ENE	3-5	NNE	3-5	NE	3-6	NE	3-7	NE	2-4	ENE	2-4	NE	2-3	NE	2-3	NNE	2-3	ENE	2-3	NE	2-3	NE	2-4
3	NNE	2-3	NNE	3-4	NNE	1-3	NNE	2-4	NE	1-3	NE	0-2	Var.	0-1	N	1-2	WNW	1-2	N	0-2	NE	0-1	Var.	0-2
4	W	2-3	W	3-4	W	3	WSW	4	WNW	0-2	NNE	0-2	N	0-2	NE	0-2	NE	1-2	NE	1-2	ENE	1-2	E	0-2
5	N	2	N	0-2	N	1-2	N	1-2	Var.	0-2	S	1-2	N	3-5	N	3-6	N	4-6	N	4-6	N	4-6	N	2-6
6	N	3-4	NNE	2-4	NNE	2-3	NNE	1-3	N	1-3	NNE	2-3	NNE	2-3	NNE	2-3	NE	1-3	NE	0-2	NE	1-3	NNE	1-2
7	SE	2	SE	2-3	SE	2	ESE	2	E	0-2	E	1	ESE	2	ESE	2-3	E	2-3	E	2-3	E	2-3	E	1-2
8	SE	1	Calm,	0	Calm,	0	N	0	Calm,	0	W	0	NW	1	NW	1	N	1-2	N	1	N	0-1	N	2
9	N	0	N	1	Calm,	0	Calm,	0	Calm,	0	NNW	0-1	N	1	NW	0-1	N	0-1	NNE	0-1	E	1	E	1-2
10	SE	3	SE	3-4	SE	3-4	SE	3	SE	2-3	SE	2-3	SE	2-3	SE	3	SE	3	SE	3	SE	3	SE	3-4
11	SSE	3-4	S	3-4	S	3	S	3	S	2	S	2-3	S	2	S	1-2	S	2	S	2-3	S	2	SSE	2
12	W	0-1	WSW	1	WNW	1	WNW	1	N	0-1	N	0-1	Var.	0	N	0-1	N	0-1	Calm,	0	N	0-1	Var.	0-1
13	Var.	0	N	1-2	N	2	N	1-2	N	1-3	N	1-3	N	1-3	NNW	1-3	NNE	2-3	N	2-4	N	2-4	N	2-3
14	N	3-5	NNE	3-5	NE	3-5	NNE	3-5	NE	1-3	NE	0-2	Var.	0-2	NE	1-2	Calm,	0	NNE	0-1	Var.	0-1	Var.	0-1
15	N	2	NNE	1-2	NNE	1-2	NNE	1-3	NE	1-2	ENE	1-3	ENE	2-3	E	1-2	ENE	1-2	E	1-2	ENE	0-1	N	0-2
16	S	1	S	1	SSW	1-3	SW	1-2	SSW	1-2	S	2	S	2	S	2	SW	1-2	SW	1-2	SSW	2	SW	2
17	SSW	3	SW	3	SSW	2-3	SW	3	SW	3	SW	3	SW	3	S	3	S	3	S	3	S	3	S	3
18	W	3-4	NW	3	NW	3-4	NW	3	NW	1-2	NW	2	NW	2-3	WNW	2-3	W	2-3	NW	1-2	NW	0-2	WNW	1-2
19	NNW	1	NW	1-3	NW	1-2	NW	1-2	NW	1-2	NW	1-2	W	0-2	W	1-2	WNW	1-2	W	0-2	WNW	1-2	NW	0-2
20	NW	1-2	N	0-2	N	2	N	1	NW	1-2	NW	1-2	Var.	0-2	Var.	0-1	NW	1	N	0-2	NW	0-1	NW	0-1
21	SE	3	SE	3	SE	3-4	SE	4	ESE	3-4	SE	3	SE	3-4	SE	3-4	SE	3	ESE	3-4	SE	3	SE	3
22	SW	2	WSW	2-3	W	2	W	2	WSW	1-2	SW	2	SW	1	WSW	1	WSW	1-2	SW	2	SW	2	WSW	1-3
23	SSE	2	SSE	1-2	SSE	2-3	SSE	2	S	1-2	S	1-2	S	1-2	SSE	1-2	S	2	SSE	2	SSE	2	SSW	1-2
24	WNW	1-2	WNW	1	W	0-2	W	1-2	SW	2	W	2	Calm,	0	NW	1-2	Var.	1-2	Var.	1-2	NNE	1-2	E	0-2
25	WSW	3	SW	2-3	WSW	2-3	W	2	WSW	1-3	W	1-3	WSW	2-3	WNW	1-2	W	1-3	W	2-3	NW	1-2	WNW	1-2
26	W	1-2	SW	1-2	SW	2	SW	1-2	SE	2	ESE	1-2	ESE	1-2	ESE	2	ESE	2	E	1-2	E	0-1	E	1
27	W	1	WNW	1	W	0-1	NNW	0-1	N	1	N	1	N	1-2	N	1-2	N	2	ENE	0-2	N	0-2	Calm,	0
28	N	1-2	NNE	2	N	1-2	N	1	N	1	N	1	N	0-1	Calm,	0	Calm,	0	Calm,	0	SE	0-1	SE	0
29	E	1	NE	0-1	E	1	NE	1	NE	0-2	NNE	1-2	NE	1-2	NNE	1-2	NE	1-2	E	1-2	NE	0-2	Calm,	0
30	E	0-1	NE	0-1	N	0-1	N	0	N	1	N	1	NE	1-2	N	1	Calm,	0	Calm,	0	E	0	W	0
31																								
Means		2·05		2·10		2·13		2·08		1·65		1·65		1·73		1·75		1·78		1·68		1·60		1·50

Direction and Force of Wind (0–12). MARCH 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	WNW	1-2	NW	0-2	NW	1	W	2-3	W	3	W	1-2	W	1-2	WSW	2	SW	2-3	SW	2-3	W	2-3	WNW	2-3	2·1
2	W	2	SW	2	W	2	W	2	W	1-2	WNW	2	NW	1-2	NW	1-2	NW	2	NW	2-3	SW	3-4	W	3	2·0
3	W	2	SW	3	W	3	W	2-3	W	1-2	W	2-3	W	2	WNW	2-3	WNW	3	W	2-3	W	3	W	3	2·1
4	W	1	WSW	2	W	2	WNW	1	W	1	W	2	W	2	W	2-3	W	2-3	WNW	2-3	W	2-3	W	2-3	2·0
5	SSW	1-2	SW	2-3	SW	2-3	SW	2	SW	1-2	WSW	1	WSW	1	SW	2	SW	1-2	SW	1-2	SW	1-2	SW	1-2	1·8
6	NNW	1	NW	1	NNW	1	N	0-1	N	0-1	NW	0-1	Calm,	0	N	0-1	E	0-1	E	0	SE	0	SE	1	1·0
7	SE	2	SE	1-2	SE	2	SE	2-3	SE	2	SSE	2-3	SE	1-2	SE	2	SE	2	SE	2	SSE	2	SE	2-3	1·4
8	S	1-2	SSW	1-2	SSW	1	W	1	W	1	SW	0	W	1	WNW	0-1	Calm,	0	NE	0-1	NNE	0-1	N	1-2	1·5
9	N	0-1	N	0-1	N	0	E	0	N	0-1	NW	0-1	NW	0-1	Calm,	0	Calm,	0	W	0	S	0	SE	0-1	0·8
10	SE	2-3	SE	2-3	SE	2-3	SE	2-3	ESE	3	ESE	3	ESE	3	SE	2-3	SE	3	SE	3-4	SE	3-4	SE	4	2·4
11	N	1-3	N	2-3	N	2-4	N	2-3	N	2-4	N	3-4	N	3-4	N	3	N	3	N	2-4	NE	3-4	N	3-5	2·6
12	N	0-2	SSW	0-1	E	1-2	E	0-1	N	0-1	NE	0-2	N	1-2	N	1-3	N	2-3	N	1-3	NNE	1-2	NE	1-2	2·0
13	NE	1-2	NE	1-2	N	1-3	N	1-3	NNE	1-2	N	1-2	NNE	1-3	NE	2-3	N	2-3	N	2-3	NNE	1-3	NE	1-2	1·5
14	N	1-2	N	1-3	Var.	0-2	Var.	0-2	N	1-2	N	0-2	N	1-3	NE	2-3	NE	2-3	NE	2-3	NE	2-4	ENE	1-3	1·6
15	N	2-4	NE	2-3	N	2-4	NNE	2-5	NNE	2-4	N	2-4	N	0-2	NNE	2-3	N	2-4	N	0-2	N	0-1	Var.	0-1	2·2
16	W	0-1	W	0-1	SW	0-1	W	1	W	0-1	NW	0-1	NNW	1-2	N	1-2	N	2	N	0-1	N	1	NNW	1-2	0·6
17	NW	0-1	N	1	N	0-1	N	0-1	N	0-1	N	0-1	NE	0-1	ENE	0-1	N	0-1	E	1	NE	0	N	0-1	0·9
18	N	1	NNE	1	N	1-2	N	0-1	N	0-1	N	0	N	0	Calm,	0	N	0-1	N	0-1	N	0-1	N	0	0·8
19	S	0-1	SSE	0-1	S	0-1	SSE	1	SSE	0-1	SE	1	SE	1	SE	1	SE	2	SE	2	SE	1	SE	1-2	0·7
20	E	1-2	E	1	E	1	E	1	ESE	1	ESE	1-2	ESE	2	ESE	2	SE	1	ESE	2	ESE	1-2	ESE	1-2	1·6
21	ESE	2-3	SE	3	SE	2-3	SE	2-3	SE	2	ESE	2-3	ESE	3-4	SE	3	SE	3-4	SE	4	SE	4	SE	4-5	2·6
22	SSE	2-3	SW	3	WSW	2-3	NW	1-2	WNW	1-2	SW	2	WSW	1-2	WSW	2-4	SW	3-4	SW	3	SW	3-4	SW	3	3·2
23	SW	1-2	W	1-2	WSW	2	W	3	WSW	1-2	WSW	1-3	NW	1-3	NW	3	NW	3	WNW	2-3	NW	1-3	NW	1-3	2·2
24	WSW	2-3	WSW	2	WSW	1-2	SW	2	WSW	2	WNW	1-2	NNW	1-2	N	1-3	NNE	2	NNE	2-3	NE	1-2	NNE	1	2·0
25	ENE	2-4	ENE	2-3	ENE	2-3	ENE	1-3	NE	2-4	NE	2-4	NNE	1-3	ENE	1-3	ENE	3-4	NNE	2-3	NE	2-4	NE	3-5	2·4
26	SW	2	SW	2-3	SSW	3	S	2-3	S	2-3	S	2-3	SSW	2-3	SW	3	SW	3-4	SW	4	SW	4	WSW	4-5	2·2
27	NE	1-2	E	1-3	ENE	1-3	NE	1-4	NE	2-4	ENE	1-3	E	2-4	NE	2-4	ENE	2-4	NE	1-4	ENE	2-5	NE	2-4	2·5
28	NNE	1-2	NE	2	NNE	2	ENE	1-2	NNE	1-2	W	0-1	Var.	0-1	N	1	N	0-1	N	1	N	1	Var.	0-1	2·0
29	NNE	0-1	Calm,	0	Calm,	0	NW	0	Calm,	0	Calm,	0	Calm,	0	W	0-1	WNW	1-2	WNW	2-3	NW	2-3	NW	2-3	0·7
30	WNW	2	NW	2	N	1-2	NW	1-2	WNW	1-2	NW	1	NW	1-2	NNW	1-2	NNW	1-2	N	1	N	0-2	NW	0-2	1·8
31	NE	2-5	NE	2-4	ENE	3-6	ENE	3-6	ENE	3-7	NE	2-5	N	1-3	NE	4-6	ENE	3-5	NE	3-4	ENE	3	ENE	3-5	2·7
Means		1·66		1·74		1·79		1·73		1·66		1·60		1·58		1·95		2·15		2·03		2·02		2·15	1·80

Direction and Force of Wind (0–12). APRIL 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	NNE	1-2	NNE	1-3	NNW	2-3	N	3-5	N	2-4	N	2-4	N	2-4	N	2-4	N	3-5	NNE	2-4	NNE	3-4	NE	3-4	3·0
2	NE	2-4	N	2-4	NE	2-4	N	2-4	NNE	2-4	NNE	2-4	NNE	2-4	NE	2-4	ENE	1-3	NNE	2-3	N	2-4	ENE	2-3	3·0
3	NW	0-2	NNW	1-2	N	1-2	NW	1-3	Var.	0-1	N	1-2	WNW	0-2	NW	0-1	NW	1-2	NW	2-3	NW	1-3	NW	2-3	1·6
4	ENE	1-2	E	1-3	E	1-2	E	0-2	Var.	0-2	N	0-2	W	0	NE	1-2	N	2	N	1-2	N	1-2	N	1	1·6
5	N	2-5	N	1-3	N	1-3	N	1-4	NE	2-4	N	1-3	N	3-5	NNE	4-9	N	4-7	N	3-7	NE	2-4	N	3-6	3·3
6	N	0-2	NNE	1	N	1	NE	0-1	E	1	ENE	1	E	1	ESE	1-2	ESE	3	SE	2-3	SE	2-3	SE	3	1·9
7	E	1-2	ESE	2	ESE	2	E	1-2	E	0-1	E	0-1	Calm,	0	E	0	ESE	1	SE	1-2	SE	0-1	Calm,	0	1·5
8	Calm,	0	Calm,	0	N	0-1	N	1	NNE	1-2	N	1	NE	0-1	N	1-2	NNE	0-1	NNE	1	NNE	0-1	N	0-1	0·7
9	SSE	1-2	SE	2	SE	1-2	SSE	1-2	SE	1-2	ESE	1	ESE	1-2	SE	1-2	ESE	1-2	ESE	2	SE	2-3	SE	3	1·1
10	SE	3-4	SE	3-4	SE	3	SE	3	SE	3	SE	2-3	SE	2-3	SE	3	SE	3	SSE	3	SSE	3	SSE	2-3	3·0
11	SSE	1-2	S	1	S	1	S	0-1	SSE	1	S	1	S	0-1	S	0-1	S	0	SW	0-1	SW	0-1	SW	1	1·6
12	Calm,	0	NNW	0-1	N	0-1	N	0-2	N	0-2	Var.	0-1	N	0	N	1	NNW	0-1	N	1	N	0-1	N	0-1	0·6
13	N	2-3	N	3	N	2-4	N	2-4	N	1-3	N	1-3	N	2-4	NE	2-4	NE	3-4	NNE	2-4	N	1-3	NE	2-4	2·4
14	Var.	0-1	NW	0-1	WNW	1	N	0-1	NW	0-1	NW	0	NW	1	N	1	NNW	1	N	1	N	1	N	1-2	1·4
15	NE	0-1	N	0-1	NNE	1	Var.	0-1	Calm,	0	Calm,	0	Calm,	0	E	0-1	Calm,	0	SSE	0-1	S	1	S	1	1·0
16	SSW	2	SW	2	SSW	1-2	SW	2	SSW	2-3	SSW	2-3	SSW	2-3	SW	2	SW	3	SW	2-3	SW	3	SSW	3	2·0
17	SW	2-3	SW	3	WSW	3	SW	3-4	SW	3-4	SW	3	SW	3-4	SW	3	SW	2-3	SW	4	WSW	3-4	W	3	3·1
18	W	2	W	3	NW	2-3	W	3	WNW	2-3	W	1-2	W	2-3	W	3	NW	2-3	WNW	2-3	NW	2-3	NW	1-2	2·4
19	N	1-2	NW	2	NNW	1-3	NW	1-2	WNW	1-2	WSW	1-2	NW	1-2	NW	1-2	NW	1-3	NW	1-2	N	2-3	NNW	1-3	1·6
20	NNW	0-1	N	1	N	2	NNE	2	N	1-2	N	1	WNW	1	SSW	1	SSW	1	S	1-2	SE	2	SE	3	1·3
21	SE	3	SSE	3	SSE	3	S	3	S	3	S	3	SSW	2-3	W	0-2	SSW	2	SW	2	SW	2	SW	2	2·9
22	SW	2-3	SW	2	SW	2-3	SW	2	SW	1-2	SW	1-2	SSW	1-2	SW	2	SSW	2	S	1-2	S	1-2	SSE	1	1·8
23	S	1	SE	1-2	SE	1	SE	2	SE	1-2	SSW	0-1	ESE	0	ESE	0-1	W	1-2	W	1	WNW	0-1	WNW	1	1·4
24	N	0-1	Var.	0-2	NW	0-2	W	0-2	NW	1-3	WNW	2	W	1-2	NW	1-3	W	2-3	SW	3	SW	3	S	2-3	1·6
25	W	2-3	W	2	W	1-2	W	1-2	W	1-3	W	2-3	W	1-2	W	2	NW	2	NW	1-3	WSW	2-3	SW	2	2·1
26	ENE	1	Var.	0-1	N	1	N	0-1	N	0-1	W	0-2	NW	0-1	W	1	NW	0-1	W	0-1	NW	1	W	1	1·1
27	Var.	0-1	WNW	1	SW	1-3	Var.	1	W	1-2	W	1-2	NW	1-2	NNW	1-2	NNW	1-3	N	1-3	N	1-2	N	1	1·2
28	ESE	0-1	SE	1	SE	0	Calm,	0	Calm,	0	N	0	NE	0-1	NNE	1	NE	0-1	NNE	0-1	N	0-1	ENE	0-1	0·6
29	N	0-1	ENE	1-2	NE	1	N	1-2	NE	1	NNE	1-2	N	0-2	N	1	ENE	1-2	NE	1-2	E	0-2	E	1	1·1
30	Calm,	0	S	0	Calm,	0	Calm,	0	SSE	0	Calm,	0	W	0-1	N	0	WNW	0-1	NW	1	W	1	W	1	0·4
31																									
Means		1·45		1·63		1·63		1·67		1·57		1·43		1·43		1·68		1·83		1·92		1·83		1·85	1·74

Direction and Force of Wind (0–12). MAY 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NW	1–2	NW	1–2	NW	1–2	WNW	1–2	NNW	1–2	NNW	0–2	Var.	0	NW	1	W	2	W	2	W	1–2	W	1
2	S	1	SW	1	SSW	1	S	1–2	S	2	SSW	2	SSW	2	SSW	2	SSW	2	SSW	2	S	1	S	1–2
3	N	1	ENE	1	E	1	N	1	NNE	1	N	0–1	E	1	N	0	Calm,	0	N	0	N	0–1	Calm,	0
4	E	0–1	E	0	E	0	E	0	E	0	ESE	0–1	SE	0–1	SE	0–1	SE	0–1	SE	0	SSE	1	SE	1–2
5	S	2–3	S	2	S	1–2	S	1–2	S	2	S	2	S	2	S	2	SSE	1–2	SE	1–2	ESE	1	SE	2
6	SE	3	SE	3	ESE	2–3	SE	2–3	SE	3	SE	3	SE	2	SE	2–3	SE	2	SE	2–3	SE	2	SE	3
7	S	3–4	S	3	SSW	3	SSW	2–3	SW	2	WSW	2	SW	2	SW	2	SW	2	SW	2	SW	2	WSW	1–2
8	W	2	NW	2–3	WNW	3–4	WNW	3	SW	3–4	W	3	WSW	3	W	3	WSW	3–4	SW	3–4	SW	3–4	WSW	3–4
9	N	1–2	NNW	1–2	N	2	NNW	1–2	NW	2	NW	1–3	WNW	1–3	NW	1–2	WNW	1–3	Var.	0–2	WNW	1–2	WNW	1–2
10	Var.	1–3	N	1–4	N	1–3	NNE	1–3	N	1–3	N	1–3	NE	1–3	N	1–3	NE	1–3	NE	1–3	E	0–2	N	1–3
11	NE	1–2	NE	1–2	NE	1–2	Var.	1	N	1–2	WNW	2–3	W	2	W	2	W	1–2	W	2	W	2	NW	1–2
12	ENE	1–2	E	1–3	NE	1–3	NE	1–3	E	1–2	ENE	1–2	ENE	1–2	NE	1–2	NE	1–3	NE	1–2	N	1–2	N	1–3
13	N	2–5	N	2–4	N	1–3	NE	2–3	NNE	1–3	N	2–3	N	2–3	N	2–3	N	2–3	N	1–3	N	1–2	N	1–2
14	NE	1–4	NE	1–3	ENE	2–4	ENE	2–4	NE	2–3	NE	2–3	NE	2–3	ENE	2–4	ENE	2–4	NE	1–3	NE	2–3	ENE	1–3
15	N	2–4	N	1–3	N	1–2	N	1–2	N	2	N	1–2	N	1–2	N	1–3	N	1–2	N	1–2	Calm,	0	Var.	0–1
16	W	1	SW	1–2	SW	1–2	SW	2	SSW	1–2	SSW	1–2	S	2	S	2	S	2	S	2	S	1–2	SSE	2
17	SW	3	WSW	2–3	WNW	2–3	WNW	2–3	SW	2–3	SW	3	SW	2–4	SW	3–4	SW	3–4	SW	3–4	SSW	3–4	WSW	1–2
18	N	1–2	Var.	0–1	N	2	Var.	0–1	N	0–2	NNE	1–2	NE	1–2	NE	0–1	Var.	0	N	1	NW	1	NW	1–2
19	W	1–3	W	2–4	NNE	1–3	ENE	1–2	Var.	0–2	NE	1–2	NE	1–2	NE	0–2	NE	0–2	Var.	1–2	W	1–2	WNW	1–2
20	NNE	2	E	1–2	ENE	1–3	ENE	2–3	NE	1–2	ENE	1–3	NE	2–3	NE	2–3	NE	2–4	NE	2–4	NE	1–4	ENE	2–5
21	NE	1–3	E	1–2	ENE	1–2	NE	1–2	NE	0–1	N	0–2	N	1–2	N	1–2	N	1–2	N	1–2	N	1–3	N	2–3
22	ENE	2–4	N	2–3	NE	2–3	ENE	3–4	NNE	2–3	NNE	1–3	N	1–3	NNE	1–2	NE	1–2	N	1–2	NNE	1–2	NNE	1–2
23	W	2	N	2	N	3	N	3	N	2	N	2–3	NNE	2–3	N	2–3	N	1–2	N	2–3	NNE	1–3	N	2–3
24	N	3–4	N	3–4	N	3–5	N	2–4	NNW	3	N	3	N	2–4	N	3–4	N	2–4	N	3	NE	2–3	NE	1–3
25	NE	1–3	N	2	NE	1–2	Var.	0–1	NE	1–2	NE	1–2	NE	1–2	NE	2–3	N	1–2	N	1–2	NNE	1–3	N	1–3
26	NE	1–2	NE	1	N	1	NE	1–2	E	1–2	E	2	E	2–3	E	2–3	ESE	3–4	ESE	2–3	ESE	2–3	ESE	2
27	N	1–3	N	2–3	N	2	N	2	N	1–2	N	1–3	N	2–3	NE	2–3	NNE	2–3	NE	2–4	NNE	1–3	NE	0–3
28	NE	2–3	ENE	2–3	NE	2–3	ENE	2–4	ENE	2–4	ENE	1–3	ENE	2–4	E	2–4	ENE	2–4	E	1–3	E	0–2	Var.	1–3
29	NNE	2–5	NNE	3–5	NE	2–4	NE	3–4	NE	2–3	NNE	2–4	NE	1–3	NE	1–3	NE	1–3	E	2–3	NNE	2–3	N	1–2
30	E	1	E	1–2	E	1	Calm,	0	Calm,	0	SE	1	SSE	2	SE	2	SSE	2	SE	2–3	SE	2–3	SE	2–3
31	SE	1	SE	2	SE	1–2	SE	2	SE	2	SE	2	SE	2	SE	1–2	SSE	1	SSE	1–2	SSE	1–2	SE	2
Means		2·06		2·02		1·98		1·92		1·80		1·94		1·98		2·00		1·95		1·95		1·76		1·84

Direction and Force of Wind (0–12). JUNE 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SE	0	SE	1	SE	0–1	SE	1	SE	1–2	ESE	1	E	1	E	2	ESE	2–3	ESE	2–3	ESE	2–3	ESE	3–4
2	SE	3–4	SE	3–4	SE	4–5	SE	5	ESE	4	ESE	4	ESE	4	ESE	4	ESE	4	ESE	4	ESE	3–4	ESE	3
3	SE	3	SE	3	SE	2–3	SE	3	SSE	2–3	SE	2–3	SSE	2–3	SE	2	S	1–2	SE	2	SE	2–3	SE	2–3
4	SE	3–4	ESE	4	ESE	4–5	ESE	4	ESE	3–4	ESE	4–5	E	5	E	5	ESE	4–5	ESE	4–5	ESE	4–5	ESE	5
5	SSW	0–1	SW	0–1	SW	1	SW	0	WSW	0–1	W	1	W	1–2	W	1	W	0	Calm,	0	SW	1	W	0–1
6	S	1–2	S	2	S	2	S	2–3	S	2–3	S	2–3	S	2–3	S	2	SW	2	SSW	1	SSW	1–2	SW	2
7	S	1	S	1–2	S	2	S	2–3	SSE	3	SSE	3	SSE	3	S	2–3	SSW	3–4	SW	1–3	SSW	4	SW	2–4
8	NW	2–4	NW	2	NNW	2–3	NW	1–3	NW	1–2	NNW	1–2	NW	1–3	WNW	1–2	N	1–2	NW	1–3	NNW	1–2	NW	1–2
9	NW	1–3	NNW	1–4	NNW	2–3	N	1–3	Var.	0–2	NW	1	N	1–3	NW	1–2	N	1–3	NW	1–3	N	1–3	WNW	1–2
10	N	2–3	N	2–3	N	3	N	2	NNW	1–3	NNW	1–2	NNW	1	NNW	0–1	N	0–1	Var.	0	Var.	0	Calm,	0
11	W	3	W	2–3	W	2	WSW	2	SW	2–3	WSW	2–3	SW	3	SW	3	SW	3	W	2–3	WSW	2–3	WNW	2–3
12	SW	1–2	W	2–3	W	2–3	WSW	2	WSW	2	SW	2	WSW	2–3	WNW	2–3	WNW	2–3	NW	2	WNW	2–3	W	1–3
13	N	1–3	N	1–2	NW	1–2	N	1–3	N	1–2	N	1	NNE	1–2	NW	1–2	WNW	1–2	NW	0–1	Var.	0–1	SSW	0–1
14	NNE	0–1	N	1–2	N	1	NW	0–1	S	0–1	S	1	S	1–2	S	1–2	S	1–2	S	2	S	1–2	S	1–2
15	W	1–2	W	1–2	NW	1–2	N	1	N	1	N	1	NW	1–2	W	1–2	W	1	W	1	NW	1	N	1
16	W	2–3	W	2–3	WSW	2–3	W	3	W	2–3	W	2–3	W	2–3	W	2	W	2	WSW	1–2	SW	2	SW	1–2
17	SW	1	WSW	1	W	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	E	0–1	ESE	0–1	ESE	1	SE	1	S	1–2
18	SW	1	SW	1–2	SW	1–2	W	1	SW	1	WSW	2	SW	1	SW	0–1	SSW	0–1	SSW	0–1	S	0–1	S	0–1
19	S	0	SW	0–1	Calm,	0	WNW	0–1	W	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Var.	0–1	SW	0–1
20	N	0–1	N	0	Calm,	0	N	0–1	N	0–1	N	1	N	0–1	N	1	N	1	NE	0–1	S	0–1	SE	0–1
21	N	0–1	N	1	N	1–2	N	2	N	2	N	1–2	N	1	N	1	N	0–1	N	0–1	N	0–1	SE	0–1
22	N	1	N	0–1	N	1–2	N	1–2	N	1–2	N	0–1	N	0–1	Calm,	0	Calm,	0	SW	0–1	Var.	0–1	Calm,	0
23	W	0–1	N	1	N	1	N	1	N	1	N	1	N	1	N	0–1	N	0–1	E	1	E	0–1	SE	1
24	ENE	0–1	E	0–1	E	0–1	E	0–1	ENE	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0
25	N	0	N	0	N	0–1	Calm,	0	N	0	Calm,	0	N	0–1	N	0–1	N	0–1	N	0–1	N	0–1	Calm,	0
26	N	1	N	1	NNW	0–1	NNW	0–1	NW	0–1	N	0–1	N	0–1	N	0–1	Calm,	0	Var.	0–1	Calm,	0	Var.	0–1
27	NW	3	NNW	2–3	NW	2–3	NW	3–4	NW	3–4	NW	3	NNW	2–3	Var.	0–1	Var.	0–1	SE	1–2	NNW	1–3	N	1–2
28	N	3–4	N	4	N	4	N	4	N	2–3	NW	1–2	NW	2–3	N	2	NNW	2	NNW	2	NW	1–2	NW	2–3
29	N	1	N	0–1	NW	0	NNW	0	NNW	0–1	N	0–1	WSW	0–1	S	0–1	Calm,	0	Var.	0	N	0–1	Var.	0–1
30	S	0	N	1	N	0–1	N	1	N	1–2	N	1–2	N	1–2	Var.	0–2	N	0–2	N	0–2	N	1–2	Var.	0–1
31																								
Means		1·50		1·65		1·68		1·68		1·57		1·52		1·63		1·42		1·35		1·30		1·43		1·38

Direction and Force of Wind (0–12). MAY 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	W	1	W	0	W	0	SW	1–2	SW	1	SW	1–2	SSW	1–2	SSW	1	SSW	1–2	SSW	1	S	1–2	S	1–2	1·2
2	Calm,	0	SSE	1	SE	1	SE	1	SE	1	ESE	0–1	SE	0–1	Var.	0	N	0	Var.	0–1	N	0–1	NE	0–1	1·1
3	Calm,	0	Var.	0	Calm,	0	NE	0–1	Calm,	0	Calm,	0	NNW	0	N	0	Calm,	0	Calm,	0	E	0–1	Calm,	0	0·3
4	Calm,	0	S	0	Var.	0–1	Calm,	0	SSE	1	S	0–1	ESE	0–1	SE	1	SSE	2	SSE	2	SSE	2–3	SSE	2	0·7
5	SE	2	SE	2	ESE	2–3	SE	2	ESE	2–3	SE	2–3	ESE	3–4	SE	2	SE	2	ESE	2–3	ESE	2–3	SE	2–3	2·1
6	ESE	3	SE	3	SE	2–3	SE	3	SE	3	SE	3–4	SE	3–4	SE	3	SE	3	SE	3	SSE	3–4	SSE	3–4	2·9
7	SW	2	SW	2	WSW	2	SW	2–3	SW	1–2	WSW	1–2	SW	2–3	SW	2	SW	2–3	SW	2–3	W	1–2	WSW	2	2·2
8	W	2–4	WSW	1–3	W	3–4	SW	3–5	SW	3–4	WSW	2–3	WNW	2–4	W	3–4	NW	2–4	WNW	2	W	1–3	N	0–2	2·9
9	WNW	1–3	NW	1–3	W	1–3	N	1–3	NW	2–4	NW	1–4	WNW	1–3	NW	2–4	NW	1–4	WNW	2–4	W	2–3	WNW	1–4	2·0
10	NE	1–2	Var.	1–2	N	0–2	NNE	1–3	Var.	0–2	NE	1–3	NE	1–3	N	1–2	N	0–2	NW	2	N	1–2	N	1–2	1·8
11	Var.	0–2	N	1	N	0–1	NE	0–2	N	1–2	N	1–3	N	1–3	ENE	1–2	NE	1–2	ENE	2	ENE	1–2	N	1–2	1·6
12	N	1–3	N	1–3	NE	2–3	ENE	2–4	E	2–3	ENE	1–3	ENE	1–3	N	2–3	N	2–5	N	2–3	N	2–4	Var.	1–3	2·1
13	N	0–2	Calm,	0	N	1–2	Var.	0–1	Var.	0–1	N	0–2	NNE	1–2	NE	1–2	NNE	2–3	N	2–3	N	1–3	NE	2–4	1·9
14	E	2–3	ENE	2–3	E	2–4	ENE	2–3	E	2–3	NNE	1–3	N	1–3	NE	1–2	N	1–3	N	1–2	N	2	NE	1–3	2·4
15	Var.	0–1	N	0–1	NE	1	Var.	0–1	N	1	N	1–2	NW	0–1	NW	1	W	0–1	W	1	W	0–1	W	1–2	1·2
16	SSE	2	S	2	S	2	S	2	S	2–3	S	2–3	S	2–3	S	3	S	3–4	S	3–4	S	4	SSW	3–4	2·2
17	WSW	1–2	SW	2	SW	2–3	W	1–2	W	1	NNW	1–2	N	1–2	NE	1–2	N	1–2	NE	0–1	NNE	2	N	1–2	2·3
18	NW	0–2	WSW	1–2	W	2	WNW	2	W	1	WNW	1–2	WSW	1–2	W	2–3	W	1–2	W	2	W	2–3	W	3	1·4
19	NW	1–3	WNW	0–2	WNW	2	W	1–2	NNW	0–1	NW	0–1	Var.	0	Var.	0–1	Calm,	0	N	0–1	NE	0	NE	0–1	1·2
20	ENE	3–6	ENE	3–4	ENE	2–5	NE	3–5	NE	3–4	NE	2–4	NNE	1–3	NNE	1–4	ENE	1–3	ENE	1–3	N	1–3	Var.	0–2	2·6
21	N	2–4	NNE	2–5	NNE	2–4	NNE	3–6	N	3–5	N	3–5	N	3–5	ENE	3–5	NE	4–6	ENE	3–5	ENE	2–5	ENE	3–4	2·7
22	N	1–2	NE	1–2	N	1	N	0–2	NNE	0–1	N	0–1	N	0	N	0	Var.	0–1	SSE	0–1	Var.	0	SW	1	1·4
23	NNE	1–3	N	1–2	N	2–3	N	2	N	3	N	3	N	1–3	N	3	N	2–3	N	3	N	3	N	3–4	2·5
24	NE	1–3	N	1–2	E	1–3	N	1–2	NNE	1–2	ENE	1–2	ENE	1–2	NE	1–3	NE	2–3	NE	2–3	E	2–3	NNE	2–3	2·5
25	N	2–3	NNE	2	N	1–2	N	1–3	N	1–3	NNE	2–3	NE	1–3	NNE	2–3	N	3–4	N	2–3	NNE	3–4	NNE	2–3	2·0
26	ESE	1–2	SSE	1	SE	1	E	0	N	0–2	N	0–2	N	0–2	NNE	1–2	N	1	NNE	2	NE	2	N	2	1·6
27	ENE	1–2	ENE	1	ENE	1–3	E	1–3	ENE	1–3	E	1–3	E	1–3	ENE	2–4	NE	1–3	NE	2–3	ENE	2–3	ENE	1–3	2·1
28	E	1–3	N	1–3	NE	1–3	E	1–3	ENE	1–2	NE	1–2	NE	1–3	N	3–4	ENE	3–5	NE	1–3	NE	2–4	N	2–3	2·4
29	NNE	1–2	NE	1	E	0–2	NE	1–2	SE	0–1	ESE	0–2	ESE	0–2	E	1–2	E	1–2	N	1–2	NE	1	N	0–1	1·9
30	SE	2–3	SE	1	SE	2	SE	1–2	SE	1–2	SE	1–2	SE	1	SE	2	SE	2	SE	3	SE	2	SE	2	1·7
31	S	0–1	SE	1	S	1	S	0–1	Calm,	0	SE	0	ESE	0	SE	0	ESE	0	SE	0–1	SE	0–1	SE	0–1	1·0
Means		1·71		1·50		1·76		1·79		1·66		1·73		1·65		1·87		1·95		1·95		1·98		1·90	1·86

Direction and Force of Wind (0–12). JUNE 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SE	3	SE	3	SE	3–4	SE	3	ESE	3–4	SE	3–4	ESE	4	ESE	3	SE	3–4	SE	4	SE	4	SE	4	2·5
2	E	2–3	ESE	2–3	ESE	2–3	E	1–2	ESE	3	ESE	2–3	ESE	2–3	ESE	2	SE	3	SE	2–3	SE	2	SE	2–3	3·2
3	SE	1–2	E	1–2	ESE	1–2	ESE	0–1	E	1–2	E	1–2	E	1	ESE	2	E	2	ESE	2–3	ESE	3	SE	3	2·1
4	E	5–6	E	5	ESE	4	ESE	3	ESE	3–4	SE	2–3	SSE	2–3	SE	1–2	SE	2	SSE	1	S	1	S	1	3·5
5	SW	1	SW	0–1	W	0–1	W	1	Calm,	0	W	0–1	SW	0	S	1	S	1	S	1	S	1–2	S	1–2	0·7
6	S	1–2	S	1–2	S	2	SSE	1–2	S	2	S	2–3	S	1–2	S	1	S	0–1	SSE	0–1	SSE	0–1	SSE	1	1·7
7	SW	3–4	W	1–5	WSW	2–5	W	2–4	NW	1–3	W	1–3	NW	1–3	W	2–3	NW	2–4	N	1–3	NNW	1–3	NNW	1–3	2·6
8	W	1–3	NW	1	NW	1–3	NW	1–3	NW	1–2	NW	1–3	NNW	1–2	W	1–3	W	2–3	WNW	2–3	NW	1–3	NW	2–4	1·9
9	NW	0–1	N	1–2	N	0–2	NNE	0–2	N	1–2	ENE	0–2	N	2–3	N	1–3	N	1–2	N	1–2	NE	1–3	NNE	2–3	1·7
10	Calm,	0	Var.	0–1	NW	1	W	1	NW	0	W	0–1	W	1–2	W	1–2	W	1–2	W	3	W	3	W	3	1·3
11	NW	2–3	NW	2	NW	1–2	WNW	2	NW	1–3	Var.	1–2	NW	1–2	N	1–3	N	1–3	N	0–2	NNW	1	NW	1	2·1
12	NW	2	NW	1–2	NW	2	NW	1–3	W	1–3	NW	1–2	NW	1–2	NW	2	NW	1–3	NNW	1–2	NNW	1	N	2	2·0
13	WSW	0–1	WSW	1–2	SW	1–2	WSW	1–2	W	1	N	1	Calm,	0	NNE	1–2	NE	1	NE	0–1	NNE	1	NE	1–2	1·2
14	S	2	SW	2	SSW	2	SSW	2–3	W	2	SW	2	W	2	WSW	1–2	SW	2–3	WSW	2–3	SW	3	W	1	1·6
15	NW	1	N	1–2	Var.	0–1	N	1–2	NW	1	NW	1–2	W	1–2	W	2–3	W	2	W	2	W	2–3	W	2–3	1·4
16	WSW	1–2	W	1–2	W	1	W	2	W	1–2	W	1	WNW	1	W	0–1	W	0–1	WSW	0–1	SW	0	SW	1	1·6
17	SE	2	S	0–1	S	1	S	0–1	SSE	1	S	0–1	S	0–1	SSW	1	Calm,	0	S	1–2	S	1–2	S	1	0·7
18	S	0–1	S	0–1	Var.	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	E	0	Calm,	0	S	0–1	S	0	SSW	0–1	0·6
19	SW	0–1	Calm,	0	NNW	0–1	Var.	0	N	0–1	NNE	0–1	N	0–1	Calm,	0	N	0	NE	0–1	N	0–1	NNE	1	0·3
20	SE	1	S	0–1	SSE	1	Calm,	0	Calm,	0	SE	0–1	Calm,	0	Calm,	0	Calm,	0	NNW	0	NNW	0	NW	0	0·4
21	SE	0–1	Calm,	0	Calm,	0	Calm,	0	SE	0–1	N	0–1	N	1	SE	0–1	Calm,	0	Calm,	0	Calm,	0	N	0–1	0·7
22	ESE	0–1	E	1	E	0–1	N	0–1	N	0–1	N	0	Calm,	0	NNW	0	Calm,	0	S	0	SSE	0–1	SSW	0–1	0·5
23	SE	1–2	ESE	1–2	S	0–1	ESE	0–1	E	0–1	Calm,	0	N	0–1	E	0	ESE	0–1	SE	0–1	E	0–1	E	1	0·7
24	Calm,	0	Calm,	0	Calm,	0	SE	0–1	Calm,	0	Calm,	0	N	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	0·1
25	Calm,	0	Var.	0	Calm,	0	Var.	0	N	0–1	WNW	0–1	N	0–1	Calm,	0	Var.	0–1	W	0	NW	0–1	NNW	1	0·3
26	Calm,	0	Calm,	0	Calm,	0	Var.	0–1	NW	0–1	NW	0–1	NW	0–1	WNW	1–2	NW	2	NW	2–3	WNW	2–3	NW	3	0·8
27	Var.	0–2	E	0	Var.	0–1	N	0–2	Var.	0–2	N	1–2	N	1–2	N	2–3	N	2–3	N	3	N	4–5	N	3–4	2·0
28	N	2	N	1–2	NW	2	N	0–2	N	2–3	N	2–3	N	2	NNW	2	N	2	N	1–2	WNW	1	N	2	2·2
29	Calm,	0	W	0–1	S	0–1	S	0	Calm,	0	SE	0–1	SSE	0–1	SSE	1	SE	1	SE	1–2	SSE	0–1	SSE	0–1	0·5
30	N	0–1	E	0	Calm,	0	Calm,	0	N	1	N	0–1	N	0–1	NNW	0	NW	0–1	S	0–1	SSW	0–1	SW	1	0·7
31																									
Means		1·35		1·20		1·22		1·12		1·22		1·17		1·17		1·23		1·32		1·35		1·40		1·60	1·39

Direction and Force of Wind (0–12). JULY 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SW	1	SSW	1	SSW	1–2	SSW	1	S	1–2	SSW	1–2	SW	1	SW	0–1	SW	1	SW	1–2	SW	1–2	WSW	1–2
2	NW	2	NW	2	WNW	1–2	NW	2	W	1–2	W	8	WNW	3	NW	1–2	WNW	2–3	NW	1–2	WNW	1–2	NW	1
3	SW	2–3	SW	2–3	WSW	2–3	SW	2–3	WNW	2	W	1–3	W	2–3	WSW	2–3	W	2–3	WSW	1–3	W	2–3	W	2–3
4	NNW	0–2	N	1	N	1	N	0–1	N	1	NNE	1	NNW	0–1	Calm,	0	WNW	0–1	Var.	0–1	WNW	0–1	Var.	0
5	N	0–1	N	0–1	Calm,	0	E	0–1	Calm,	0	ESE	0–1	E	1	Var.	0–1	Calm,	0	N	0	Calm,	0	N	0–1
6	N	1	N	1	N	1	N	1–2	N	0–1	ENE	0	Calm,	0	Calm,	0	Calm,	0	ENE	0–1	E	0–1	NE	0–1
7	SSW	1	WSW	1–2	NW	2	WNW	2	WNW	1–2	W	1–2	WNW	1–2	W	1–2	W	1–2	W	1–2	Var.	0–2	W	1–2
8	SSW	1–2	S	1	SSE	2	SSE	1–2	SSE	2	S	2	SE	2	SE	2–3	S	2–3	SSW	1–2	S	2–3	S	2
9	S	1–3	S	1–2	S	1	S	2	SSE	0–1	WNW	1	WNW	1–2	W	0–1	N	0–1	SW	2	WNW	0–1	WSW	0–1
10	SSE	2	SSE	2	SSE	2–3	SSE	2	SSE	2	WNW	0–2	N	0–1	N	2	Calm,	0	N	0–1	ENE	1–2	E	1–2
11	SW	1–2	NNW	0–2	N	1	WNW	1	WNW	1–2	N	1	NW	1	N	0–1	N	0–1	WNW	1–2	NW	1–2	W	1–2
12	W	0–1	SW	1	WNW	1	SW	1	SW	1	SW	1–2	W	1–3	W	1–3	WSW	1–3	WSW	2–3	W	1–3	W	2
13	WSW	2–3	WSW	2–4	SSW	2–4	SSW	2–3	SSW	2	SSE	2	S	1–3	S	2	SE	0–1	S	1	S	1–2	SSW	1–2
14	SSW	2–4	WSW	1–3	WSW	2–4	WSW	2–3	SW	2–3	N	1–3	NW	3	WNW	2–3	WNW	2	W	1–2	N	2–3	WNW	2–3
15	W	1–3	WNW	2	WNW	1–2	NNW	1–2	NW	1–2	W	1–2	NW	1	W	1	WNW	1–2	W	1–2	Var.	0–1	W	0–1
16	N	1–3	N	2–3	NE	1–3	N	2–3	N	2	NE	1–2	ENE	1–2	NE	1–2	N	1–2	N	1–2	N	1–3	N	1–2
17	SE	0–1	Var.	0–1	Var.	0–1	NE	1–2	Calm,	0	E	0–1	Var.	0–1	NE	1–2	NE	0–2	N	2	N	1–2	N	0–2
18	N	1–2	N	1–3	N	1–3	N	2–3	N	1–3	NNE	1–3	N	1–3	N	2–3	N	3	N	2–3	N	2–3	NNW	2–3
19	N	3	N	2–4	N	3–4	NNW	3–4	N	3–4	N	3–4	N	4	N	4	N	4	N	4	N	4	N	4–5
20	N	2	N	1–3	NNE	2–3	NE	2	E	1–2	N	1–2	Var.	0–2	N	1–2	N	0–1	N	1–2	N	1–2	E	0–1
21	N	4	N	3–4	NNW	2	NW	2	W	2–3	W	2	W	2	W	2	W	1–2	WSW	1–2	W	1–2	SW	2
22	W	1–3	SW	2–4	S	3–4	W	2–4	SSW	3–4	WSW	1–3	WSW	2–3	NW	2–3	WNW	1–2	Var.	0–2	NNW	1–2	NW	1–2
23	N	2–3	NW	2–3	NNW	2–3	NNW	2	NE	1–2	NW	1–3	N	1–3	N	2–3	N	2–3	WNW	2–3	N	1	W	1–2
24	SW	3–5	W	3	W	2–3	WNW	2–3	WNW	1–3	WNW	1–2	W	2	WNW	1–2	Var.	0–2	Var.	0–2	W	0–2	Calm,	0
25	NW	0–2	NE	1	NW	0–1	NW	1–3	NW	1	N	0–1	NW	1	NW	0–1	NW	0	W	1	NW	0–2	W	1
26	S	2	SSE	2–3	S	2–3	S	2–3	SSE	2–3	SSE	2–3	SSE	3	SSE	3	SE	3–4	SE	4–5	SE	5	SE	5
27	SSW	1–3	SW	2–3	SW	2–4	SW	3	WSW	1–3	SW	2–3	SW	2–3	SW	3	WSW	2–4	SW	1–3	W	0–1	W	2–3
28	NW	2–5	WNW	3–5	WNW	3–5	WNW	2–4	WSW	2–3	W	1–3	SW	2–3	SSW	2–3	SSW	2–3	W	0–3	S	1–2	WSW	2–3
29	S	3–4	SSW	3–4	SSW	2–4	S	3–4	S	2–5	S	4	S	2–4	SSW	2–4	SW	3–5	W	1–4	WNW	2–4	W	2–4
30	NW	2–4	NW	2–3	NW	3	NNW	1–2	NW	1–2	W	0–2	NW	1	NW	1–2	W	1–2	N	1	W	1–2	WNW	1
31	SW	0–1	SW	1	SW	1	WSW	1–2	WSW	1	WSW	1	Calm,	0	S	0–1	SSW	0–1	S	0–1	Calm,	0	Calm,	0
Means		1·97		2·00		2·02		2·02		1·73		1·66		1·71		1·71		1·58		1·61		1·58		1·60

Direction and Force of Wind (0–12). AUGUST 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	Dir'n.	Force.
1	N	1–2	NNW	1	N	1	N	1–2	N	1	N	0–1	N	0–1	N	0	N	0	NNW	1	W	0–1	N	0–1
2	NE	1	ENE	1	NE	1	N	3	NNE	3	N	2	N	3	N	2–3	Calm,	0	N	1–2	Calm,	0	N	0–1
3	N	0	N	1–2	NNW	1	N	1	N	2	N	2	N	1–2	N	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0
4	S	1	S	1	SW	1	SSW	1	S	2	SSW	2	SSW	2–3	SSW	2–3	SSW	2	S	1	SSW	1–2	S	1
5	S	3–4	SSW	3	S	3–4	SSW	3	S	3	S	4	S	3–4	S	3–4	SSE	4	S	4	S	4	S	3
6	SSW	3	SW	2–3	S	3	SSW	3	S	3–4	S	3–4	S	3	S	2	SSW	2–3	S	3	SSE	2–3	SSE	1
7	WSW	1	WNW	2	NNW	0–2	N	0–1	E	1–2	NE	2	N	0–2	ENE	0–1	E	0–1	ESE	1–3	N	0–2	Var.	0–2
8	NW	1	W	2–4	WNW	2–4	NW	2–4	W	1–4	NW	2–4	NNW	2–4	N	2–4	NW	2–4	Var.	1–4	N	3–4	NNW	2–4
9	N	1–4	NNW	2	N	1–2	N	1–2	ENE	1–2	E	1–2	ESE	1–3	E	2	N	1–3	NE	1–3	Var.	1–2	ENE	1–2
10	NE	2–6	NE	2–5	NE	2–5	NE	2–4	NNE	1–3	NE	2–3	NE	3–4	ENE	1–3	NE	1–3	N	2–3	N	2–3	E	2–3
11	N	0–2	NE	1–2	NE	2–3	N	3	N	2	ENE	1	NE	2	Var.	1–3	NE	1–2	NNE	1–2	N	0–2	N	0–2
12	NE	0–1	N	1–2	NNE	0–1	N	0–2	N	1	N	0–1	N	0–1	N	0	Calm,	0	Calm,	0	N	0	Calm,	0
13	NE	0–1	NE	0–2	NE	0–1	ENE	1	NNE	1–2	N	0–2	N	1	N	1	NNE	2	NNE	1	N	0–1	N	1
14	NNE	2	NNE	2–3	N	1–3	N	2–3	N	3	N	1	NNE	2	NNE	0–1	NNE	0–1	Calm,	0	NNE	0–1	N	0–1
15	N	1–2	N	1–2	N	2	NNE	2–3	N	2–3	NE	1–2	ENE	0–1	Var.	0–1	N	1	N	1	Calm,	0	NNW	0
16	SW	1–2	SW	1	SW	1–2	SW	1	SW	1–2	SSW	0–1	SW	0–1	SW	0–1	Calm,	0	Calm,	0	Calm,	0	Calm,	0
17	WNW	1	NNW	1	N	1–2	N	1	N	0–1	NNW	0–1	N	1	NNW	0	N	0–1	Calm,	0	Calm,	0	Calm,	0
18	Var.	0–1	NNE	1–2	NE	1	NNE	1–2	Var.	0–1	NE	0–1	Var.	0–1	Var.	0–1	N	0–1	Var.	0–1	Var.	0–1	Var.	1–2
19	N	1	N	0–1	N	1	Calm,	0	N	1	N	1	N	1	N	0	N	0–1	Calm,	0	Calm,	0	N	0
20	N	0–1	N	0–1	N	1–2	N	1	N	1–2	N	1	Calm,	0	ENE	0–1	Calm,	0	Calm,	0	Calm,	0	Var.	0
21	SSW	1	SW	1	SSW	1	SW	1	WSW	0	Calm,	0	Calm,	0	W	1	WSW	0–1	SW	0	S	0–1	SSE	0–1
22	W	2	SW	2	SW	2	SW	2	SW	2	SW	1–3	S	3	SSW	2–4	S	4	S	4	S	5	S	5
23	WSW	1–3	NW	1–3	WNW	2	WNW	2–3	W	1–3	WNW	1–3	W	2–3	W	2	W	2	W	2	W	2	WSW	1–2
24	SE	2	SSE	2–3	SSW	1	SSW	1–2	S	2–3	S	3	S	3	S	3–4	S	4	S	5	S	5–6	S	5–6
25	S	2–4	SSE	4	SSE	2–4	S	3–4	S	5	S	5–6	S	5	S	4	SE	3	S	2–3	S	3	S	2–3
26	SSE	4–5	SE	6	SE	5–7	SE	6	SE	5	SE	5–6	SSE	5–6	SE	6	SSE	6	SE	4–6	SSE	6–7	SSE	6
27	S	2	SW	2	SSW	1–2	SW	1	SSW	1–2	S	1–2	S	2	S	1–2	S	2–3	S	0–2	S	0–2	S	2–3
28	SE	6	SSE	6–7	SE	5–6	SE	5–6	SE	5–6	SE	3–5	SSE	4	SSE	3–6	SE	5–6	SE	5	SSE	4–5	SSE	4
29	SE	3	SSE	2–3	SE	2–3	SSE	2	SE	3	SE	3	SSE	2	SSE	2	S	1–2	S	1–2	SE	2	S	1
30	WSW	1	W	1	WSW	1	SW	2	W	0–2	WSW	0–3	W	0–3	W	0–1	W	1–2	W	1–2	Var.	1–2	SW	0–3
31	SE	3	SE	3–4	ESE	3–4	ESE	3–4	E	3	E	3	ESE	3	E	2–3	E	1	E	0	Calm,	0	Calm,	0
Means		1·87		2·13		2·02		2·11		2·18		2·02		2·06		1·73		1·74		1·65		1·65		1·55

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	SW	1-2	W	1-2	WSW	1-2	W	1-2	W	2	W	1	W	0-1	NW	1	NW	1-2	NW	1-2	W	2	NW	1-2	1·3
2	WNW	1	W	1-2	W	1-2	W	0-1	W	1-2	NW	1-2	W	2	W	2-3	WNW	2	W	2	SW	2-3	SW	2	1·8
3	WSW	3	W	2-4	WNW	2-3	WNW	3-4	W	3	WNW	2-3	NW	2-3	N	1-3	W	1-2	NW	1-2	NW	2	NW	1	2·4
4	Calm,	0	WNW	1-2	N	0-1	W	0-1	ENE	1	E	1	NNE	0-2	Var.	0-1	N	1	N	0-2	Var.	0-1	Var.	0-1	0·7
5	Var.	0-1	WSW	1	W	0-1	SE	0-1	E	1-2	E	0-2	E	0-1	S	0	N	0-1	Var.	0-1	N	0-1	N	1	0·5
6	Calm,	0	Calm,	0	W	0	W	0	W	1	S	0-1	Calm,	0	Calm,	0	SSE	0-1	SSE	1	SSE	1	SSE	1-2	0·5
7	NW	0-2	WNW	1-2	W	1-2	WSW	2	W	1-2	WNW	1-2	W	1	WNW	1	W	1-2	WSW	1-2	SW	1-2	SSW	1	1·4
8	S	2-3	S	3	S	3-4	S	3-4	SE	4-5	S	3-5	SE	5	SE	5	SSE	4-5	S	4	S	2-4	SSE	3	2·9
9	WSW	0-2	S	2	SW	0-2	SSW	1	S	1-2	SSW	1	SW	0-1	SSE	2-3	S	3	SSE	2-3	SE	3	S	2-3	1·5
10	Var.	0-2	W	1	NW	1	Calm,	0	NW	1	E	0-1	N	0-1	W	1	Var.	0-1	NW	1	NNW	1-2	Var.	0-1	1·1
11	N	1	NW	0-1	WNW	1-2	NW	1	WNW	1-2	W	1-2	W	1	NW	0-1	WNW	1-2	W	1-2	W	2	NW	1	1·2
12	SW	2-3	SW	1-2	SSW	1-2	SW	2	SW	2-3	SSW	2-3	WSW	2-3	SW	2-3	SW	2-4	SSW	2-4	SW	2-4	WSW	2-4	2·0
13	S	2-3	S	2-3	SSW	2	S	3	S	2-3	S	1-3	S	2-3	S	1-3	SSW	1-2	S	1-3	WNW	2	WNW	2-4	2·1
14	WNW	2-3	W	2	W	1-2	W	3	W	2-3	W	2-3	WNW	1-3	SW	2-3	W	2-3	WNW	2-3	WNW	1-2	W	1-2	2·3
15	NW	1-2	N	1-2	NW	1-2	NW	0-1	N	0-1	Var.	0-1	N	1-3	N	0-1	N	0-2	N	1-3	N	1	N	1-3	1·3
16	N	0-1	ENE	0-1	NE	1	N	0-1	NNE	1-2	NNE	1-2	N	1	N	0-1	Var.	0-1	NNE	1-2	Calm,	0	S	0-1	1·3
17	N	0-2	Var.	0-1	Var.	0-1	E	0-1	N	1-2	ENE	1-2	N	0-2	Calm,	0	NE	0	N	1	N	2	N	2-3	1·0
18	N	3	NW	2	NW	1-2	Var.	0-2	Var.	0-1	N	1-3	NNW	1-3	N	2-3	N	3	N	3	N	3	N	2-3	2·2
19	N	2-4	NNE	1-2	N	1-3	N	2-3	ENE	0-1	N	1-2	NNW	1-2	N	1-3	N	2	N	1-2	N	1-2	N	1-3	1·8
20	E	0-1	Var.	0-1	N	1-2	N	1-2	NNW	2	NE	1	N	1-2	N	2	NW	2-3	NW	3	N	3-4	N	3-4	1·7
21	SW	2	SSW	1-2	WSW	2-3	WSW	3	WSW	2-3	WSW	2	SW	2-3	W	3	W	3	SW	2-4	WSW	3-4	WSW	1-3	2·4
22	NW	1-2	NNE	1-2	W	2-3	Var.	0-2	N	1-2	NW	1-3	NW	1-2	NNW	1-3	NNW	1-3	W	1-3	NW	1-3	NW	2-4	2·1
23	N	1-2	SW	1-2	W	1-2	SW	2	S	1-3	NW	1-3	W	1-2	SW	3	SW	3	SSW	4	SW	3-4	SW	3-5	2·3
24	Var.	0-1	Var.	0-2	NNW	1-2	NW	1-2	W	1-2	W	0-2	NW	1-2	Var.	1-2	NW	1-3	NW	1-2	Var.	0-2	NW	0-2	1·6
25	N	1	W	1	NW	1-2	W	1	N	0-2	W	0-2	W	0-1	NW	0-1	WNW	0-1	W	1	SSW	2	SW	1-2	1·0
26	SE	5-6	SE	7	SE	6	SE	7-9	SE	8	SE	8	SSE	7-8	SE	8	SE	7-8	S	3-5	SW	1-2	SW	1-3	4·6
27	W	1-3	W	2-3	WSW	2-3	W	2-3	W	1-3	NW	2-3	NW	1-3	NW	2-3	W	3-5	W	2-4	WNW	2-4	WNW	2-4	2·5
28	SW	1-3	W	1-3	S	4	S	5	S	2-4	SSW	2-3	S	3-4	SSW	4	Var.	1-4	S	3-4	S	4	S	3-5	3·0
29	WSW	1-4	WSW	2-4	NW	2-4	NW	2	N	1-2	W	1-3	W	2-4	SW	2-3	W	3-4	WNW	2-4	NNW	3	NNW	2-3	3·0
30	WNW	1	WSW	1	WNW	2	W	2	WNW	1	NW	1	WNW	0-1	WNW	0-1	W	1	WNW	1	SW	1	WSW	1	1·4
31	S	0-1	SE	0-1	Calm,	0	E	0	Calm,	0	N	0	N	0	NW	0-1	N	0	N	0	N	0-1	N	1	0·4
MEANS		1·60		1·66		1·77		1·81		1·87		1·77		1·76		1·89		2·03		2·05		2·00		1·97	1·82

DIRECTION AND FORCE OF WIND (0–12). AUGUST 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Var.	0-1	Calm,	0	WNW	1	NW	0-1	NW	1-2	W	1	NNW	1-2	NW	1	N	1	NNW	0-1	Var.	0-1	N	1	0·8
2	N	0-1	E	0-1	E	0-1	NW	1	E	0-1	N	1-2	N	1	N	1	N	1-2	N	2	N	1	N	0-1	1·2
3	N	0-1	Calm,	0	S	0	SSE	0	S	0	S	0	SSE	0-1	S	0-1	SE	0-1	SSE	0-1	S	0-1	S	1	0·6
4	S	1	S	1	S	1	SSE	1	SSE	2-3	SE	3	SSE	3	S	2-3	SSE	2	S	3	S	2-3	S	3	1·8
5	Var.	1-3	SW	2-3	SW	1-3	SW	2	SSW	3	SW	2	SW	1-3	S	3	SW	2	S	3	SW	2-3	SSW	2	2·9
6	SE	3	SE	3-4	S	2-3	S	2	SSE	3	SSE	2-3	SE	3	SSE	2-3	SSE	2	S	2	S	2	S	1-2	2·6
7	Var.	0-2	N	1-2	N	0-2	W	1-2	W	1-3	W	1-3	WNW	3	WSW	2-4	W	2-3	NW	2	W	2-4	WNW	2-4	1·6
8	NW	2-4	W	2-3	NW	1-3	NW	2-3	N	2-3	N	1-4	N	2-4	NW	2-3	NW	1-3	NW	1-3	N	1-4	N	1-3	2·6
9	E	1-3	NE	1-2	E	1	E	0-2	N	2-4	N	3-5	N	3-5	Var.	0-1	NE	1-3	N	1-2	NE	1-4	N	2-5	2·0
10	N	1-3	N	1	N	1-2	N	1-2	Var.	0-1	N	1-2	N	1-2	NE	0-1	NE	0-2	NNE	2	N	2-3	N	2-3	2·1
11	N	1-2	E	0-2	ENE	0-1	N	0-1	N	1-2	N	0-1	E	0-1	N	1	NE	1	N	1	E	1	N	1-2	1·3
12	Var.	0	N	0-1	Calm,	0	W	1-2	N	1-2	N	0-1	N	0-1	N	1	NNE	1	E	1	E	1	Calm,	0	0·6
13	NNW	1	Var.	0	Calm,	0	N	0-1	N	1	N	0-1	N	1-2	NE	1	ENE	1	N	1	NE	1	N	2-3	1·0
14	N	0-1	N	1	N	0-1	N	1	ENE	0-1	N	1-2	N	1-2	N	0-1	N	1-2	N	0-1	N	1	Calm,	0	1·1
15	NW	0-1	N	0-1	NW	1	WNW	1-2	W	2	SW	1-2	SSW	2	SW	2	SW	2	WSW	1-2	SW	2	SW	2	1·4
16	Calm,	0	E	0-1	NE	0-1	ENE	0-1	Calm,	0	Calm,	0	N	0-1	N	1	Calm,	0	Calm,	0	NNW	0	W	0	0·5
17	Calm,	0	NE	0	N	0-1	Var.	0-1	Var.	0-2	N	0-1	Var.	0-1	N	1	Calm,	0	Calm,	0	Calm,	0	Var.	0-1	0·5
18	Var.	0-2	Var.	1-2	Var.	0-1	Var.	0-1	Var.	0	Calm,	0	Var.	0	Calm,	0	Var.	0-1	Var.	0	Calm,	0	Calm,	0	0·6
19	Calm,	0	N	0-1	N	0-1	Calm,	0	Calm,	0	Var.	0	N	0-1	NNE	0-1	NE	0-1	NNE	1	NNE	1	N	0-1	0·5
20	Var.	0	Calm,	0	N	0	Calm,	0	Calm,	0	Calm,	0	N	0-1	N	0-1	Calm,	0	S	0-1	S	1	SW	1	0·4
21	S	0-1	S	0-1	SSE	1-2	S	1-2	Calm,	0	SSW	1	SSW	0-1	SW	0-1	SW	1-2	WSW	3	W	3	W	2-3	0·9
22	S	4-5	W	2-3	SW	3	SSW	3	WNW	0-4	WSW	0-3	SW	1-3	W	2-3	SW	2-3	SW	3-4	W	2-3	W	1-3	2·8
23	W	2	WSW	2	W	1-2	SW	1-2	WSW	1	SW	2	SSW	1	S	1-2	S	1	SSE	1-2	SSE	1	SSE	2	1·8
24	S	5-6	SSE	5	S	4-5	SE	5	SSE	5-6	SSE	6	SE	6	SE	5	SE	4-5	SE	4-5	SE	5-6	SE	4	4·2
25	SSE	2	S	2	SSE	2-3	S	2	SSE	2-3	S	3-4	SSE	4	SE	4-5	SSE	5	SE	3	SSE	3	SSE	3-4	3·4
26	SSE	5-7	SE	7	SE	6-7	SE	6	SSE	6	SSE	7	S	6-7	SE	6	SE	4	S	1	SSW	1	SW	1-2	5·3
27	S	3-4	S	3	S	2-3	S	3	S	3-4	SSE	4-5	S	3	SSE	3-4	S	3-4	S	4	SE	5-6	SSE	6	2·7
28	SSE	4	SSE	5	SSE	4-5	SSE	4	S	2-4	S	3	S	3	SSE	3-4	SE	3-4	SE	2-3	SSE	3-4	SSE	2-3	4·3
29	S	1	S	1-2	S	1	S	0-1	SSW	1-2	Var.	0-2	SSW	1	SSW	1-2	SW	1-2	SW	2	SW	2	WSW	1	1·7
30	Var.	1-3	W	1-2	SW	2	SW	2	SW	2	S	2	S	2	S	2	S	2	SE	2	SE	3-4	SE	3	1·7
31	Calm,	0	N	0-1	N	0-1	N	0-1	Calm,	0	NE	0-1	E	0-1	ESE	0-1	Calm,	0	N	0-1	Var.	0-1	Calm,	0	1·2
MEANS		1·65		1·61		1·50		1·56		1·71		1·85		1·94		1·82		1·71		1·68		1·87		1·81	1·81

Direction and Force of Wind (0–12). SEPTEMBER 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	NNW	0–1	N	0–1	Calm,	0	Var.	0–1	WNW	1–2	NW	0–1	SW	0–2	WSW	0–2	SW	0–1	SW	0–2	W	1–2	Var.	0–1
2	E	3–4	E	2–4	E	4	ENE	3	NNE	2–4	NE	3–4	NE	3	NE	2–4	N	3–5	N	3–5	N	4–6	Var.	1–2
3	Var.	0–2	E	0–1	ENE	0–2	Var.	0–1	Var.	0–1	SW	0–1	Var.	0–2	NW	0–2	Var.	0–2	Var.	0–1	W	0–1	W	0
4	SE	1–2	SE	2	SE	2–3	SE	2	ESE	3	E	2	E	2	E	2	E	2	E	0	E	1	E	1
5	NNE	1	E	1–2	E	1–2	E	1–3	E	2–3	E	3	E	3	E	3–4	E	3–4	E	3	E	2–3	E	3–4
6	E	1–3	E	1–2	ESE	2	E	0–1	Calm,	0	Calm,	0	NE	0–1	E	0–1	NE	0–1	E	0	Calm,	0	Calm,	0
7	N	1–3	N	1–3	N	3–5	Var.	0–1	NNE	4–5	N	2–5	NE	0–1	NE	1–4	NE	1–3	NE	1–2	NNE	1–2	NE	1–2
8	N	1–2	N	0–2	W	1–3	WNW	1–2	WSW	2–3	SW	1–3	WSW	3	S	1–3	SSE	1–3	W	1–3	SW	3–4	SW	2–4
9	SSW	4–7	SSW	4–7	SW	3–4	SW	3–4	WSW	3–4	WSW	3–5	WSW	2–5	WSW	2–5	WSW	3–5	Var.	2–4	WNW	2–4	W	1–4
10	N	1–3	WNW	2–4	N	1–3	N	1–3	W	1–2	NNW	0–2	Var.	0–2	WNW	0–1	ENE	1–3	Var.	0–1	W	0–1	Var.	0–1
11	NNE	1–3	NE	0–2	N	0–2	Calm,	0	N	0–2	N	0–1	N	2–3	N	1	N	1	N	0–1	E	0–1	E	0–2
12	Calm,	0	N	0–2	N	1–2	N	1–2	Var.	0	Var.	0–2	Var.	0–2	ENE	0–2	N	1–2	N	1–2	Var.	1–2	N	1–3
13	N	1–3	N	1–3	N	1–3	Var.	0–1	N	3	N	2–4	N	0–1	N	2	E	1–2	E	0–1	NNE	0–1	E	0–1
14	N	0–2	Var.	1–3	N	1–2	N	1–2	N	0–2	N	1–2	E	0–2	NNE	0–2	Var.	0–2	Var.	0–1	Var.	0–1	Var.	0–1
15	N	0	Calm,	0	NE	0–1	Calm,	0	Calm,	0	N	0	Calm,	0	NNW	0–1	N	0–1	Calm,	0	Calm,	0	Calm,	0
16	S	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	N	0	N	0	Calm,	0	Calm,	0	NE	0	Calm,	0	Calm,	0
17	N	1–2	N	1–3	NNE	1–2	NNE	2	N	0–1	N	0–1	N	1–3	NNE	1–2	N	1–3	N	1–3	N	1–2	NNE	1–3
18	N	1–2	NNE	1–2	N	1–2	N	2–3	N	3	N	2	N	2	N	2	N	0–2	N	1–2	NNW	0–1	NW	0–1
19	N	1–2	N	2	N	1–3	N	1–3	N	2	N	3–4	N	3–4	N	3–4	N	4	N	3	N	3–4	N	0–3
20	N	0–2	N	3–4	N	3–4	N	2–4	N	0–2	N	2	N	2–3	N	0–1	N	0–1	N	0–1	NE	0	NE	0
21	SW	1	WSW	0–1	WSW	0–1	SW	1	SW	0–1	WSW	1	W	1	W	1	W	0–1	WSW	0–1	SW	1–2	Calm,	0
22	NNW	1	N	1	N	1–2	N	1–2	N	1–2	N	2	N	0–1	N	2	N	2	N	0–2	N	0–1	N	0–1
23	N	1	NNW	1–2	N	1	NW	1	NNE	0	N	1	NW	1–2	N	1	N	1	N	0	N	0–1	Calm,	0
24	N	1–2	N	1–2	N	1	N	1–2	N	1–2	N	1–2	NNW	1	NNW	1	N	0–1	N	0–1	WNW	0–1	W	0–1
25	W	1–2	NNW	1–2	N	1	N	0–1	NNW	1	WNW	0–1	WNW	1–2	Var.	0–1	NW	1–2	WNW	0–2	W	1–2	W	1–2
26	NW	2	NW	1–2	NW	1–2	NW	1	WNW	1–2	Var.	0–2	N	1–3	N	2–3	N	1–2	N	1	Var.	0–1	N	1
27	NW	1–2	N	2–3	NW	1–2	WNW	2	W	1	NW	1–2	WNW	1	W	1–2	N	1	N	0–1	N	0–1	W	1–2
28	WSW	0–1	Var.	0–1	NW	1	Calm,	0	NW	0–1	Calm,	0	Calm,	0	N	0	Calm,	0	SSE	0–1	Var.	0–1	SE	1
29	N	2–4	N	2–4	NNE	2–3	NNE	2–3	NNE	1–3	N	3–4	NNE	1–3	NNE	1–3	NE	1–3	NE	2–4	E	1–3	E	1–5
30	N	3–4	N	1–4	N	2–4	NNE	3–4	N	2–3	NNE	1–3	NNE	1–3	NE	1–2	N	0–3	NE	0–2	NE	0–2	N	1
31																								
Means		1·58		1·72		1·73		1·45		1·53		1·60		1·53		1·52		1·53		1·15		1·22		1·07

Direction and Force of Wind (0–12). OCTOBER 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force
1	N	1	E	1–2	N	2	N	1–2	N	1–3	Var.	0–2	Var.	0–2	N	0–2	N	0–2	N	2	N	1	N	1–2
2	NNE	2–3	N	1–3	NE	2–3	NNE	2	N	1–2	N	0–2	N	0–1	Var.	0–1	NE	0–1	E	0	Var.	0–1	N	0–1
3	NE	1–3	NNE	2	NE	1–3	NNE	3–4	N	2–4	N	1–3	Var.	1–3	N	1–3	N	1–4	N	1–3	N	0–3	N	1–4
4	N	2	N	2–3	N	2	N	2	NNW	1–2	N	2	N	1–2	NNW	2	NW	1–2	NW	2	NW	2	NW	3
5	NW	3	NW	2	NW	3	NNW	1–2	N	1–2	NNW	1–2	N	0–2	N	1–3	NNW	2–3	NNW	1–3	Var.	0–1	N	0–1
6	N	0–2	N	0–2	N	1–3	N	1–2	NNE	0–2	N	1–2	N	0–1	N	2–3	NNE	2–3	NNW	1–3	NNW	2	NW	1
7	Calm,	0	N	0–2	Var.	0–1	N	1	N	0–2	Calm,	0	N	0–2	N	0–1	Var.	0–2	Var.	0–2	Var.	0–2	N	1–3
8	NNE	2–3	NE	3	NNE	4	NNE	4	NNE	3–4	N	4	N	4	N	1–4	NNE	1–3	N	1–3	N	1–3	N	0–2
9	NE	1–3	NNE	2	NE	1	NE	2–3	N	0–1	N	0–1	N	0–1	N	0–1	NE	0–2	NE	0–1	N	1	N	1–3
10	NE	3–5	N	2–5	N	3–5	NE	3–4	N	4	N	4–5	N	4–5	N	4–5	NE	4–5	N	3–4	N	2–3	NE	1
11	E	0–2	N	0–1	Var.	0–1	NE	1–2	N	0–2	NE	1–2	N	1–2	N	0–2	N	0–2	Var.	0–2	N	0–1	Var.	0–1
12	Var.	0–1	E	1	NE	2	E	2	Var.	0–1	Var.	0–2	N	0–2	N	2	N	2	E	0–3	Var.	0–2	NE	1–3
13	N	1–2	NE	2–4	E	2	NE	2–3	E	0–1	Var.	0–2	E	2–3	N	3–4	N	2–3	NE	0–1	N	1	Calm,	0
14	N	4–5	N	3–5	N	3–4	N	3–5	N	2–3	NE	2–5	N	1–3	SE	2–4	N	0–2	Var.	1–2	Var.	1–2	N	1–4
15	N	1–2	N	0–2	N	0–2	N	0–2	E	1	NE	0–1	E	1–2	NE	0–1	N	1–2	Calm,	0	N	1–2	N	1–2
16	N	2–3	N	3	N	3	N	2–3	N	4	N	4	N	4	N	4	N	4	N	3–4	N	3–4	N	4
17	N	2	NW	2	NW	2–3	WNW	2–3	W	1	W	1–2	WNW	1–2	NW	1–2	W	1–2	W	2–3	WSW	3	W	2–3
18	WNW	2–3	WNW	1–3	NW	1–3	NNW	1–3	NW	0–2	NW	0–1	NW	0–1	Var.	0–3	Var.	0–2	NW	0–2	NW	0–3	Var.	1–2
19	NW	1–2	WNW	1–3	NW	1–3	NW	1–4	NW	1–3	NW	0–2	W	2	SW	1–2	Var.	2–3	W	3–4	W	1–4	W	1–3
20	NE	1–3	NE	1–4	NE	1–3	NNE	2–5	N	4–5	NE	0–3	SW	0–1	N	1–3	N	4–5	N	1	N	3	NE	2
21	N	1–2	N	0–2	N	0–1	N	0–1	N	1	NE	0–1	N	0–1	NE	0–1	N	0–1	Calm,	0	N	1–2	Calm,	0
22	SW	3–4	SW	3	SSW	2–3	SW	1–3	S	2–3	SW	3	SSW	3	SW	3	W	3–4	W	2–3	W	1–3	NW	2–3
23	NW	1–4	Var.	0–3	NNW	1–3	NW	0–3	W	2–3	S	0–1	W	1–2	N	2	N	1–2	N	0–3	N	0–2	Calm,	0
24	Var.	0–1	N	1–2	N	1–2	NE	1–3	N	0–2	Calm,	0	NE	0–2	N	0–1	N	1–2	N	0–2	NE	0–1	Calm,	0
25	Var.	0–1	NE	0–1	Var.	0–2	Var.	0–1	Var.	1–2	NE	1	N	2	N	1–3	N	1–2	NW	0–1	Calm,	0	NW	0–1
26	SW	2–3	SSW	3–4	SSW	2–4	SW	2–4	SW	3	SSW	4–5	SW	1–5	SW	3–5	S	4–5	SW	3–4	SW	4–5	SW	1–4
27	WSW	0–2	W	0–2	SW	2–3	S	1–3	SW	1–3	SW	1–3	WSW	1–3	SW	2	SW	0–2	SW	2–3	S	3–5	SW	2–3
28	W	1–4	W	1–3	Var.	0–3	WNW	1–5	SW	0–5	SW	3–5	W	1–3	W	2–3	W	0–2	WNW	0–2	W	1–2	WNW	0–3
29	SW	0–2	SW	1–3	SW	1–3	W	0–3	SW	0–1	W	1–2	W	1–2	W	1–2	W	0–1	W	1–2	W	1–2	W	1–3
30	W	1–2	WSW	1–2	SW	1–2	SW	2	SW	2	S	1–2	SW	2–3	SW	1–2	S	3	SW	2–3	S	1–2	SW	0–2
31	WNW	0–1	W	0–1	NNE	0–1	Var.	0–1	N	0–1	N	0–1	N	1–3	N	1–2	N	2–3	NE	1–2	NE	0–1	N	2–3
Means		1·84		1·92		2·00		2·11		1·82		1·71		1·76		1·92		1·98		1·65		1·66		1·56

Direction and Force of Wind (0–12). SEPTEMBER 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	S	1–2	SSW	1–2	NW	0–1	S	0–1	SSE	1–2	SE	1–2	ESE	2	ESE	3	ESE	3	E	3–4	E	4	E	3–4	1·5
2	Var.	1	ENE	1–3	NNE	3–4	N	2–3	N	2–4	N	2–3	Var.	1–2	N	1–3	N	1–2	Var.	0–2	N	0–2	NNE	1–2	2·6
3	SW	0–1	Var.	0–2	Calm,	0	NW	0–1	Calm,	0	SSW	0	Calm,	0	E	0	ESE	0–1	ESE	1	E	1	E	1–2	0·6
4	E	0	E	0	Calm,	0	Calm,	0	E	1	E	0–1	NE	0–1	N	0–1	N	1	N	0–1	NNE	0	E	0–2	1·1
5	E	3	ESE	1–2	E	2–3	E	3	E	2–4	E	2–6	E	2–5	E	4	E	3	E	2–4	SE	4	E	1–3	2·8
6	ENE	0	NE	0–1	E	0–1	E	1	NNE	0–2	NE	1–3	N	1–3	N	1–3	ENE	2–3	NNE	2–3	N	2–3	NNE	2–3	1·1
7	Var.	0–1	Calm,	0	Var.	0–1	Var.	0–1	N	0	Calm,	0	N	0	N	0	Calm,	0	W	0–1	N	1	NNW	0–1	1·2
8	SW	1–4	SW	3–4	SW	3–5	SSW	3–5	SW	2–5	SSW	2–5	SSW	3–7	SSW	5–7	SW	5–7	WSW	5–7	WSW	4–6	SW	3–5	3·3
9	W	2–4	WNW	1–2	Var.	0–2	WNW	0–1	Var.	0–1	NNW	1–2	WSW	1–3	Var.	0–1	NW	0–2	NW	0–2	NNW	0–2	NNW	2–4	2·6
10	E	0–2	Var.	1–2	N	1–3	N	1–3	N	1–2	E	1–2	Var.	1–2	NE	2	NE	1–2	Var.	0–2	Var.	0–2	ENE	0–3	1·4
11	Var.	1–2	NE	1–2	N	1–2	Var.	0–1	Var.	0–1	E	0–1	E	0	N	1–2	N	1–2	N	1–2	N	1–2	Calm,	0	1·0
12	N	1–2	N	1–3	N	1–3	Var.	1–2	N	0–2	Var.	0–1	E	1	Var.	0–1	N	0–2	NE	0–1	N	0–2	Var.	0–1	1·1
13	NNE	2	Var.	0–2	N	1–2	N	0–2	N	0–2	Var.	0–2	NNE	0–2	NE	0–2	N	0–1	NE	0–2	N	0–2	N	2	1·3
14	Var.	0	Calm,	0	N	1–2	N	1–3	NE	1–2	N	1	N	1	NE	1–2	NE	0–1	NE	0–1	Calm,	0	Calm,	0	0·9
15	Calm,	0	Calm,	0	NW	0	NW	0	NNW	0	N	0	W	0	W	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	0·1
16	Calm,	0	N	0	Calm,	0	NNW	0	N	0–1	N	0–1	N	0–2	NNE	0–1	NNE	1–2	N	1–2	NNE	2	N	1–3	0·4
17	N	1–2	NNE	1–3	NNE	1–3	NNE	1–2	N	1–2	N	0–1	N	2	E	0–1	Calm,	0	N	1–2	N	1–2	N	1	1·4
18	NW	0–1	W	1	Calm,	0	N	0	N	0–1	NNE	1–2	N	0	Var.	0–1	N	0–1	N	2	N	2	N	1–2	1·2
19	N	0–2	NNE	1–2	N	2–3	N	3–4	N	3	N	3–4	NNW	4–5	N	3–4	N	3–4	N	4	N	4	N	4	2·9
20	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	W	0–1	0·8
21	Calm,	0	Calm,	0	W	0–1	Var.	0–1	Calm,	0	SSW	0	W	0	NW	0–1	NNW	0–1	N	0	NNW	0	NW	0–1	0·5
22	N	1	N	1	NNE	1	N	0–1	N	0–1	N	0–1	N	0	N	0–1	N	0	N	0	N	1	N	1	0·9
23	Calm,	0	ESE	0–1	S	0	SE	0–1	E	0	Calm,	0	Calm,	0	N	0	N	0–1	N	1–2	N	1–2	NNW	1	0·6
24	WNW	0–1	W	1–2	W	1–2	W	2	W	1–2	W	2	W	2	W	2	WSW	2	W	1	W	1	W	0–1	1·2
25	NW	1–2	N	1–2	NW	2	WNW	2	W	1–3	W	2–4	WNW	2–3	W	2–3	W	2–3	W	3	WNW	2–3	NW	2	1·7
26	SSW	0–1	NNW	1–2	W	1–3	W	1–2	NW	1–2	N	1	N	1–2	NW	1	NNW	1	N	1–2	NW	1	N	1–2	1·4
27	WNW	1–2	W	2	W	1–2	SW	1–2	SSW	1	SW	0–1	SW	1–2	SW	1	SW	0–1	SW	1	SW	0–1	Var.	0	1·2
28	ESE	1	E	1	N	0–1	NE	1	E	0–1	N	1–2	NE	1–3	N	3	N	3	N	3	N	3–5	N	3–4	1·2
29	ESE	2–3	ENE	1–3	ENE	1–3	NE	2	NNE	1–2	ENE	1–3	N	2–3	NNE	3	NNE	4	NE	2–4	NE	4	NNE	3–4	2·6
30	ENE	0–2	N	3	N	1–3	N	2–3	NNE	1–4	NNE	2–4	NE	1–2	NNE	2–3	NNE	2–3	N	3	Var.	1–2	Var.	1–2	2·1
31																									
Means		1·02		1·20		1·28		1·28		1·18		1·32		1·40		1·52		1·52		1·65		1·68		1·58	1·42

Direction and Force of Wind (0–12). OCTOBER 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		Mean.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	N	2	N	1–2	N	2	N	1	N	1–2	N	2–3	N	3	NNE	1–2	N	2	N	3–4	N	2–3	ENE	1–2	1·7
2	N	0–2	Var.	0–1	ENE	1	N	1–2	Var.	0–2	N	0–2	N	0–2	NE	1	N	1–2	NE	0–2	NE	1	ENE	1–2	1·1
3	N	1–3	NE	1	NE	1–2	NE	1–2	N	2–4	N	2–3	N	2–4	N	1–3	N	2–3	N	2–3	N	2–3	N	2	2·2
4	NW	2	NW	2	NW	1	NW	1	NW	2	NW	1–2	NW	1–2	N	1	NW	1	NW	2	NW	2	NW	3	1·8
5	Calm,	0	N	0–1	N	1	N	0	N	1–3	N	0–1	Var.	0	NNW	2	N	2	N	0–2	NNW	2	N	1–2	1·4
6	NNW	0–2	Var.	0–1	N	1–2	N	1–2	NNW	0–2	NNW	1–2	Var.	0–1	N	0–2	N	0–2	Var.	0–2	ENE	1	Var.	0–2	1·3
7	NNE	3	N	2–3	NNW	2	N	1–2	N	1–2	N	0–1	N	2	N	1–2	N	2–3	N	3	N	3	NNE	3	1·5
8	N	0–1	N	0–1	N	0–2	N	1–2	N	0–1	N	1	N	1	N	1–2	N	2–3	ENE	1	NE	1	NE	1–2	2·0
9	N	0–3	N	1	N	1	NNE	1–2	N	4–5	N	3–4	N	4	N	3	NE	3–4	NE	4–5	NNE	2–4	N	2–5	2·0
10	N	1	Var.	1	Var.	0–1	ENE	0–1	Var	1	N	0–3	Var.	0–1	NE	0–2	N	0–1	NE	1	NE	1–2	NE	0–1	2·3
11	Calm,	0	Var.	0–1	Var.	1	E	2	ENE	2–4	E	0–1	S	0–1	NE	1	NE	1–2	NNE	2	NNE	1–2	NNE	1	1·1
12	N	0–1	N	2–3	N	1–3	Var.	0–2	Var.	0–3	Var.	0–4	Var.	2–3	NE	2–4	Var.	1–3	Var.	0–2	Var.	1–2	Var.	0–2	1·5
13	N	0–1	NE	0–1	NE	0–2	N	1–2	N	2–3	Var.	1–2	N	2–4	NE	1–2	NE	2–3	NE	2–3	N	3–4	N	4–6	1·9
14	Var.	0–1	N	2–3	N	2–3	N	3–5	N	1–2	Var.	0–1	N	1–3	NE	2–3	N	1–2	N	0–2	Var.	0–1	N	1–2	2·3
15	N	0–1	N	0–1	N	0–1	N	1	N	2	N	3	N	3	N	1–2	N	2	N	2–3	N	1–2	N	2–3	1·4
16	N	3–4	N	4	N	3–4	N	3–4	N	2–3	N	1–4	N	1–3	N	3–4	N	4	N	3	N	3	N	3	3·3
17	W	1–3	W	2–3	W	2–3	W	3	W	0–2	W	0–1	NW	0–1	NW	2–3	NW	2–4	WNW	2–3	WNW	3	NW	2–4	2·1
18	Var.	0–2	NW	1–2	Var.	1–2	N	1–3	NW	1–3	W	1–3	W	0–3	NNW	1–2	NW	1–3	NNW	1–3	NW	0–2	NW	1–3	1·5
19	W	0–3	NNW	2–4	NW	2–3	W	2–4	SW	1–4	SW	1–2	W	0–1	N	1–3	N	1–3	N	0–2	NE	2–4	NE	1–3	2·1
20	SSW	0–1	NE	1–3	N	1–3	N	2–4	N	0–3	NE	0–3	N	1–3	N	2–3	N	1–4	N	1–3	N	1–3	Var.	1–2	2·2
21	Calm,	0	W	0–1	W	0–1	WSW	1	WSW	1–2	SW	1–2	S	1–2	WSW	2	SW	2–3	SW	3	SW	3	SW	3	1·2
22	W	0–1	WSW	2–3	WNW	1–3	W	2–3	W	0–1	W	1–3	W	0–4	W	1–3	NW	0–1	W	1–3	WNW	1–5	WNW	1–4	2·3
23	NE	0–1	N	1–2	N	0–2	NE	1–2	N	3–4	N	3–4	N	0–2	N	2	N	2–3	N	1–2	N	1–2	N	0–2	1·6
24	Calm,	0	N	1–3	N	1–2	NNE	1–3	N	2–3	Var.	0–1	E	0–1	NE	1–2	NE	1–2	E	1–3	Var.	0–2	Var.	0–1	1·1
25	N	0–1	N	1–2	NW	1–2	W	0–2	W	2–3	W	2–3	SW	3–4	SSW	3	S	3–4	SSW	4	SSW	3–4	S	2–3	1·7
26	W	3–5	SSW	3–4	SW	3–4	SW	4–5	SW	0–5	W	0–5	W	1–5	SW	3–5	WSW	3–4	SW	2–5	WSW	2–4	SW	2–4	3·4
27	SSW	0–2	SW	2	WSW	2	WSW	1–3	SW	0–3	SW	1–4	SW	3–4	SW	3	WSW	1–3	WSW	2–3	W	2–4	WNW	1–3	2·1
28	W	2–3	WSW	1–3	WSW	2–3	WNW	2–4	W	1–2	W	0–2	W	2–3	W	1–3	NW	1–2	W	1–3	WNW	1–3	W	1–3	2·1
29	W	3	W	2–3	W	1–2	W	1–3	W	2–3	W	0–2	W	1–3	SW	1–2	SW	2–3	SW	2–3	WSW	2	SW	2–3	1·8
30	S	2–3	SW	2–3	WSW	2–3	SW	2–3	SW	0–2	WSW	1–2	W	1–3	WNW	1–2	W	0–2	NW	1–2	W	1–2	WNW	0–2	1·8
31	N	0–1	N	1–2	NW	0–2	WSW	1–2	SW	1–2	S	3	S	3	SE	3–4	SE	4	SSE	6	SE	7–8	SE	9	2·3
Means		1·27		1·66		1·65		1·90		1·90		1·71		1·89		2·03		2·16		2·27		2·29		2·27	1·87

Direction and Force of Wind (0–12). NOVEMBER 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	SE	7-9	SE	8-9	SSE	8	SE	8-9	SE	8	S	7	SE	8	SSE	8	S	8-9	SSE	7-9	SSE	8-9	SE	8-9
2	SE	5-6	SSE	3-4	SE	4-5	SE	4	SE	4-5	SE	6	SE	7-8	SE	5-7	SE	7	SE	7	SE	6-7	SE	4-5
3	ESE	5	ESE	4-6	SE	10	SE	10-11	SE	7-8	SE	6	S	3-5	S	0-5	S	1-4	S	2-4	S	1-4	S	2-4
4	ESE	1	ESE	0-1	N	0-1	N	0-1	NNW	0-2	N	0-2	N	1-2	N	2-3	NW	0-1	N	0-1	N	0-1	N	1-2
5	N	2-4	N	1-3	Var.	1-2	N	1-3	NE	3	N	1-2	NW	2-3	N	2-3	N	0-2	Calm,	0	N	0-1	NW	0-1
6	E	2-3	ENE	2	E	1-4	ENE	2-4	ENE	1-4	ENE	1-5	NE	0-5	N	0-3	NNE	1-5	NNE	2-7	NE	2-7	NNE	2-6
7	NE	3-5	NE	4-5	NNE	2-4	NNE	3-5	NNE	2-5	NE	2-3	NNE	2-5	NNE	3-6	N	0-4	N	2-6	N	0-6	NNE	2-8
8	E	3-6	ENE	4-7	E	5-7	E	4-6	E	3-6	E	1-5	E	3-7	E	1-5	E	1-6	E	1-6	E	1-4	E	1-5
9	Calm,	0	E	3-4	E	1-2	E	3	E	2-3	ESE	4-5	ESE	5	E	1-4	E	2-3	SE	2-4	E	1-5	E	3-4
10	ENE	1-2	NE	1-3	ENE	2-3	NNE	2-4	NE	0-2	Calm,	0	E	0-1	NE	0-2	E	1	E	2	E	2-3	ESE	3
11	ESE	3	ESE	2-3	ESE	2-3	ESE	3	ESE	3	ESE	3-4	ESE	2-3	ESE	1-3	ESE	3	ESE	3	ESE	1-2	ESE	2
12	Calm,	0	Calm,	0	NNW	0-1	NW	1	NW	1	N	1	N	1	NW	1	N	0-1	N	0-1	N	0-1	N	0-1
13	N	1-2	N	1-2	N	1-2	N	1-2	N	1	N	1	Calm,	0	N	0-1	N	0-1	Calm,	0	Calm,	0	Calm,	0
14	E	1	E	2	E	2	E	2	E	2	SE	1	SE	1	SE	1	E	1	E	1	E	1-2	ENE	1-2
15	NNE	1-2	NNE	2-3	ENE	0-2	Calm,	0	Calm,	0	N	0-1	N	1	N	0-1	Calm,	0	Calm,	0	Calm,	0	WSW	1
16	SW	2-3	SW	3-4	S	3-4	SSW	3-4	WSW	3	WSW	2-4	W	1-3	W	1-3	WNW	0-2	WNW	1-3	W	0-2	W	0-2
17	SSW	1-2	WSW	2-3	SSW	2-3	SW	2-3	SW	2-4	W	2-3	SW	2-3	SW	1-3	SSW	2-3	SSW	1-2	SW	2-3	SW	1-3
18	SW	1-2	SSW	1-2	SW	2	SSW	2-3	S	1-3	S	3-4	S	1-3	SSE	2-3	S	2-4	S	1-3	S	2-3	SSE	2-4
19	SE	1-2	ESE	1-2	E	1	SSE	1	SE	1	Calm.	0	NE	0-1	NE	0-1	N	1-2	N	0-2	N	1-2	N	1
20	Calm,	0	N	0	NE	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	Calm,	0	SSE	0-1	S	0-1	S	0-1
21	SE	3-4	SE	3-4	SE	3	SE	3	SE	3-4	ESE	3-4	SE	3-4	ESE	3-4	ESE	5	ESE	5-6	ESE	4-5	ESE	4-5
22	ENE	3-4	ENE	1-3	ENE	2-3	ENE	2-3	N	0-2	NNE	0-2	ENE	0-3	NE	1-3	ENE	1-4	NNE	0-3	NE	0-5	ENE	1-5
23	NE	1-3	NE	1-4	NE	1-3	ENE	1-3	N	1	NE	1	NNE	1	NNW	1	NNW	0-1	NNW	0-1	W	1	W	1
24	SW	3-4	SW	3	SW	3	WSW	1-3	SW	3-4	SW	4	SW	4-5	SW	3	SW	2-3	SSW	1-4	SW	1-3	SW	3-5
25	Var.	1-2	Var.	0-3	NW	0-2	NW	1-3	NE	0-2	Var.	0-2	NE	0-4	Var.	0-2	N	0-3	NW	0-3	N	0-2	NW	0-2
26	SW	3-5	WSW	4-6	W	2-4	W	1-5	W	1-4	W	3-5	W	3-5	W	4-5	W	2-5	W	3-5	W	4	W	1-4
27	W	2-3	WSW	2	WSW	0	SW	0-1	ESE	1	ESE	2	S	2	SW	1-2	WSW	1-2	W	1	NW	1	NW	1-3
28	WNW	1-2	W	2	WSW	2	SW	2	SW	1	SW	1	SW	1	S	1-2	S	2	S	3	S	3	SW	1-2
29	SW	1	SSW	1-2	SSW	1	SW	1	SSW	1	S	1	S	1	S	0-1	S	0	Calm,	0	S	0	SW	0
30	NNW	0-2	NNW	1-2	NW	1	NW	1	N	1-2	WNW	0-2	W	2-3	SW	3	SW	3-4	W	3	W	0-3	NW	0-3
31																								
Means		2·43		2·63		2·50		2·65		2·37		2·33		2·52		2·25		2·23		2·32		2·20		2·33

Direction and Force of Wind (0–12). DECEMBER 1887.

	1		2		3		4		5		6		7		8		9		10		11		12	
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.
1	Var.	2-4	NW	1-4	Var.	1-4	N	1-4	W	1-4	Var.	1-3	W	2-4	W	1-3	W	1-4	Var.	1-3	Var.	1-3	NW	0-4
2	N	2-4	Var.	1-3	Var.	2-4	NW	2-5	NW	2-5	NW	3-5	W	2-4	N	2-4	Var.	1-3	W	2-4	W	3-4	WNW	3-4
3	WNW	4-7	W	4-7	W	3-7	WSW	5-7	SW	5-7	WSW	5-6	W	3-5	W	2-5	W	1-6	W	2-5	W	3-6	W	2-5
4	NNE	0-1	NE	1-2	N	1-2	N	1-2	NW	1-3	NNW	2	NW	1-3	NNW	2	N	1	N	0-1	N	0-1	NNW	0-1
5	WSW	3-5	WNW	1-3	W	0-2	NW	1-2	NW	0-1	N	0-2	Var.	0-2	W	1-2	W	1-3	W	0-2	W	2-4	WSW	1-2
6	SW	4-6	SSW	6-7	SSW	4-8	S	5-8	S	6-8	S	5-7	S	6-8	SSW	4-6	SW	2-5	S	2-6	SW	2-5	N	0-2
7	NW	1-3	NNE	1-2	NE	1-2	N	1-3	N	0-4	N	0-2	N	0-2	N	0-3	N	2-5	NE	0-3	Var.	0-3	N	0-3
8	NNE	1-3	N	1-3	N	1-2	N	1-2	NE	0-2	N	0-1	W	2	W	1-2	SSW	1	S	3	S	3	S	4
9	NNE	1-3	Var.	0-1	NNE	1-3	NNE	1-3	WNW	2-3	WNW	0-2	E	2-3	E	0-2	ENE	2-4	N	3-5	N	2-5	ENE	2-4
10	NE	2-4	N	2-4	N	2-4	NE	2-4	N	3-4	N	2-3	N	1-4	N	1-4	N	1-4	N	1-3	N	1-2	N	0-2
11	N	2-3	N	2-3	N	1-2	N	1-2	N	1-2	N	1-2	N	1-3	NNW	1-3	NNW	1-2	WNW	2-3	W	3	WSW	2-3
12	NE	0-1	N	1-3	N	2-3	N	3-4	N	2-4	N	1-3	N	1-2	N	0-2	N	0	N	0-1	SE	0	SE	3
13	SE	8-9	SE	8	SSE	8	SSE	7	SSE	7-8	SE	8	SSE	7-9	SSE	8-9	SSE	7-8	SSE	7-9	SSE	8	SSE	5-7
14	S	3-4	SSW	2-4	SSW	2-4	S	4-5	SSE	6	S	6	S	1-5	SE	4	SE	6	S	3-5	SSE	5-7	SSE	7-8
15	E	0	Calm,	0	Calm,	0	N	0-1	ENE	0-2	E	1-3	E	1-3	E	1-3	NE	0-2	N	1	E	1-2	N	2
16	SW	3	SW	2-3	W	1-2	SW	2-3	SW	2-3	WSW	2	SW	2-3	S	3	SW	3-4	SW	2-3	W	0-2	W	1-2
17	NW	2-4	NW	2-4	Var.	2-4	Var.	3-5	Var.	0-2	E	0-3	E	1-3	E	1-3	NE	1-4	Var.	1-4	NE	1-4	Var.	1-4
18	NE	0-1	NE	1	ENE	0-1	NE	1-2	W	2	N	1-3	N	1-3	NE	0-2	N	1-2	NE	2	NW	2	N	2
19	N	1-3	NE	2-3	NE	1-3	NE	1-3	NE	1-3	NE	1-3	NE	1-2	N	1-3	SW	0-1	N	1-3	N	0-2	N	1-3
20	NE	1-3	ENE	2-3	ENE	3-5	NNW	3-4	E	2-4	E	3-5	Var.	1	Var.	3-5	Var.	0-5	N	4-5	N	3-5	N	2-6
21	N	2-6	NE	0-2	N	2-4	N	2-7	N	5	N	5	ENE	0-5	N	3-5	N	1-4	ENE	0-4	N	3	Var.	0-3
22	NE	0-1	N	1-2	N	1-2	NW	2	WNW	2	WNW	2	WNW	3	W	3	W	2	W	3	W	3	W	4
23	N	2	N	2-3	N	1-3	N	2-3	N	0-2	N	1-3	N	2	N	2	N	2-3	N	3	N	3-4	N	3-4
24	NE	1-3	NE	3-4	Var.	0-2	ENE	2-3	E	1-3	N	1-3	N	1-3	E	2	ENE	2	ENE	2	ENE	2	ENE	2
25	NNW	3-4	N	3-4	N	2-3	N	1-3	N	1-2	E	2	NE	2-3	N	3	N	2-3	N	1-3	N	1	N	1-2
26	NNW	1-2	ENE	1-2	NNW	2	Var.	0-1	N	1	N	0-1	NE	1-2	NW	0-1	N	0	N	1	Calm,	0	N	1
27	SE	2	ESE	1	ESE	1	E	0-1	SE	1	E	0	E	0	ENE	0-1	E	0	ESE	0-1	E	1	E	1
28	N	1-3	N	1-3	N	2-4	N	2-3	N	1-2	NNW	2	Var.	0-3	N	1-3	N	1-3	NNW	1-3	NNW	1-2	NNW	1-2
29	Calm,	0	NE	0	NNE	0-1	N	0-1	N	0	N	1	NE	1-2	NNE	1-2	ENE	2	E	1	E	0	E	2
30	NNW	1	N	1	N	1	N	1-2	N	1-2	N	1	N	1	N	1	N	1	N	1	N	0-1	N	0-1
31	W	1	WNW	1	NW	1-2	N	1-2	N	1	NNW	1-2	NNW	1-2	WNW	1-2	W	2	NW	1	WNW	0-1	NW	1
Means		2·42		2·34		2·32		2·61		2·50		2·44		2·34		2·39		2·24		2·34		2·31		2·39

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		MEAN.
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force,	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force	Dir'n.	Force.	
1	SE	7-9	SE	8	E	6-7	ESE	8	ESE	8-9	SSE	7-8	S	5-7	SSW	3-4	SSW	3-4	SSE	4-5	SE	6-7	SE	5-6	7·2
2	SE	6	SE	4-5	SSE	4	S	5	SE	5	S	5-6	SE	6	SE	5	SE	5	SSE	7	SE	6-7	SE	6-7	5·5
3	S	5	SE	4-6	SSE	3-4	SE	4	SE	4	ESE	2-3	ESE	5-6	ESE	4	ESE	4	ESE	2-3	SE	2-3	SE	1-2	4·4
4	N	1-2	NNW	1-2	NNW	2	N	0-2	N	0-2	N	1-3	N	1-4	N	0-2	N	1-2	N	1-2	N	1-2	NNE	2-3	1·3
5	NW	0-1	NW	1	Calm,	0	Calm,	0	SW	0-1	NW	0-1	E	0-2	SE	3	SE	3-4	ESE	2-3	ESE	2-3	ESE	3-4	1·6
6	N	0-5	N	2-4	N	1-4	NE	2-4	NE	0-5	NE	0-5	NNE	2-6	N	2-4	N	3-4	NE	3-4	N	3-5	NNE	3-5	3·1
7	N	4-8	NE	5-8	NNE	4-6	NNE	4-7	N	0-7	N	3-7	NE	5-8	NE	3-6	NE	4-8	NNE	3-6	NE	2-6	ENE	5-8	4·5
8	E	3-4	E	3-4	E	3-4	E	3-4	NE	1-4	E	0-5	ENE	2-3	E	3-5	ENE	3-4	E	3-5	ENE	2-4	E	3-4	3·7
9	E	4-5	E	3-4	ESE	4	E	4	E	2-3	ESE	3	E	3	E	1-2	E	2	E	2	E	1-2	NE	0-2	2·8
10	ESE	3-4	ESE	3	ESE	2-3	ESE	2-3	E	1	ESE	3-4	E	0-2	E	2-3	ESE	2-3	ESE	2-3	SE	1	ESE	2-3	2·0
11	SE	2	SE	1	ESE	0-1	E	1	ENE	1	E	2	E	1-2	E	0-1	E	0-1	SE	1	SSE	0	W	0	1·8
12	NW	1	NNW	1	N	1-2	N	1	NNW	1-3	N	0-1	N	2-3	N	1-2	N	1-2	NNE	1	N	1-2	N	1-2	1·0
13	S	1	Var.	0-1	N	0-1	N	0	N	0-1	N	1	N	1	N	1	N	0	N	0-1	N	0	N	0-1	0·6
14	NE	1-2	NE	1-2	NNE	2-3	N	1-3	NNE	2-3	NNE	1-3	NNE	2-3	N	1-4	NE	2-3	NE	1-2	NE	2-3	NNE	2-3	1·8
15	WSW	1	NW	1-2	WNW	1-2	W	1	NW	1-2	NW	2	NW	2	W	1-2	WSW	2	W	1-2	SW	2	SW	2-3	1·2
16	WNW	1-3	NW	1-3	N	1-3	NW	1-3	W	1-3	WNW	2-3	NW	0-2	W	1-3	W	1-2	WSW	2-3	SSW	2-3	SSW	1-2	2·1
17	SW	3	SW	2-3	W	0-1	W	1-2	WSW	2-3	SW	1-3	SW	1-3	SSW	1-2	SW	2	SW	1-2	SW	1-2	WSW	1-2	2·1
18	S	2	S	2	SSE	2	SSE	2	SE	2	SSE	2	SSE	2-3	ESE	2	ESE	2-3	E	2-3	SE	2-3	ESE	2	2·2
19	NNE	2	NE	1-3	NE	1-3	NNE	1-2	NNW	0-3	N	0-3	NNW	1-2	N	2	N	2-3	N	1-2	N	1	NNE	0-1	1·3
20	S	1	SSW	1	S	1-2	SSE	2	SSE	2	SSE	3	SSE	3-4	SSE	2-3	SSE	2-3	SE	2	SE	3	SE	3-4	1·2
21	ESE	4-5	E	4	E	3-4	E	2-3	E	1-3	E	0-3	ENE	1-3	E	2-3	E	2-3	E	2-3	E	2-4	E	3	3·3
22	ENE	1-5	NE	1-3	NE	1-3	ENE	2-3	N	1-3	NW	1-4	N	1-4	N	1-3	NNE	3-5	NE	1-4	NE	2-4	NE	2-4	2·4
23	W	2	W	2	W	2-3	W	2-3	W	3	W	4	W	2-3	WSW	3	WSW	3-4	SW	3	SW	4	SW	3	2·1
24	WSW	3-5	W	2-3	NW	1-3	NW	1-3	W	0-2	NW	0-1	NW	1-2	NW	1-3	NW	1-3	Var.	1-3	N	1-3	NW	1-3	2·5
25	N	1-2	NE	1-2	E	1-2	E	1-2	Var.	0-1	WSW	0-3	SW	2-3	SW	3	SW	4-5	SSW	2-5	SW	2-5	WSW	1-5	1·8
26	Var.	0-2	NW	2-3	W	2-4	NW	2-3	W	1-3	W	2-3	W	1-3	W	1-3	WNW	2-3	WNW	1-2	NW	0-2	W	2-3	2·9
27	N	2-3	NE	0-2	N	1-2	N	2	NNW	1-2	N	0-2	N	0-2	E	0-1	N	1	N	1	NW	1	NW	1	1·3
28	S	2	WSW	1	SW	1	S	1-2	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	0-1	SW	1-2	SW	1	1·4
29	SSW	1	WSW	1	WSW	1	WSW	1	WSW	1	W	2	NW	0-1	N	0-1	N	0-1	NNE	1-2	N	1-2	N	2	0·9
30	NW	1-2	NW	1-2	NW	1-2	N	1-2	NW	1-2	WNW	2	NW	0-3	NW	1-3	NNW	2-3	NW	2-3	N	1-3	N	1-3	1·8
31																									
MEANS		2·68		2·45		2·25		2·33		2·12		2·37		2·48		2·23		2·53		2·35		2·40		2·52	2·39

DIRECTION AND FORCE OF WIND (0–12). DECEMBER 1887.

	13		14		15		16		17		18		19		20		21		22		23		Midnight.		MEANS
	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	Dir'n.	Force.	
1	Var.	1-3	N	1-3	N	1-4	N	2-4	SW	1-4	Var.	3-4	W	1-5	N	2-4	N	2-4	NW	2-3	NW	1-4	NW	2-3	2·5
2	W	1-4	NW	2-4	WNW	1-4	WNW	2-4	W	3-5	W	4-6	W	4-6	W	3-5	W	3-5	WNW	2-5	NW	2-5	W	4-7	3·4
3	W	3-5	W	4-5	W	3-5	WNW	2-3	W	1-2	NW	1-2	WNW	0-2	NNE	0-1	E	0-1	W	0-2	N	1-2	NE	0-2	3·3
4	N	0-2	NNE	0-1	N	0-1	N	1	N	0-2	Calm,	0	NNW	1-2	WNW	1-2	W	2-3	W	1-2	WSW	2-4	SW	2-6	1·4
5	W	1-2	W	1-2	W	2-3	WSW	3-4	W	1-4	W	2-5	WSW	1-4	WSW	3	W	2-3	SW	4	SSW	3-4	SSW	3-6	2·3
6	NE	0-2	NE	1-2	NW	1-2	NW	1-2	SW	0-2	WNW	1-4	N	0-4	N	5-7	NNE	4-5	NE	2-4	NW	1-2	NNW	1-3	3·7
7	N	0-3	ENE	1-2	E	1-2	ENE	1-2	N	0-4	ENE	0-4	ENE	2-3	NE	0-2	NE	1-2	NE	0-2	ENE	2-3	NE	0-1	1·6
8	SSE	3-4	SE	3-4	SE	5	SE	7	SE	8	ESE	7	S	4-7	SW	3	WSW	2-3	N	1-3	N	1-3	N	0-1	3·0
9	NE	2-5	E	3-5	NNE	2-3	NNE	2-4	NNE	3-5	E	2-5	E	1-4	N	2-5	NNE	3-4	NNE	2-4	ENE	2-4	N	3-4	2·8
10	W	0-1	NNW	1-2	NE	2-4	NNE	1-3	N	3-4	NNW	2-4	N	0-3	N	2-3	N	3-4	N	2-4	N	2-4	N	2-3	2·5
11	WSW	1-3	WSW	2-3	WSW	1-2	W	0-1	N	0-1	NE	0-3	NE	0-1	N	1-2	N	0-1	NE	0-3	NE	0-1	N	0-1	1·6
12	SSE	4	SE	4	SE	4	SE	4-5	ESE	5-7	ESE	6	ESE	7	SE	8	ESE	8	ESE	7-8	ESE	8	SE	8-9	4·0
13	W	0-3	WNW	1-2	N	0-1	WNW	2-3	NW	1-3	W	0-2	WNW	0-2	W	1-2	W	1-2	SW	2	SSW	2-3	SW	2	4·7
14	SE	7-8	SE	7	SSE	7	SE	7-8	SSE	7	SE	8	SE	6	SE	6	SE	4	ESE	3-4	ESE	3	ESE	2	5·2
15	NNE	0-1	NW	1	SW	2	S	2	SW	2-3	SSW	2-3	S	4-5	S	3-5	S	4-5	SSE	3-5	SSE	5	S	4-5	2·1
16	NW	0-2	NW	1-2	W	1-2	W	2-3	W	1-3	WNW	1-2	W	0-4	NW	2-4	NW	2-4	NW	1-4	NW	2-5	NW	2-4	2·3
17	Var.	1-4	Var.	1-3	NE	1-3	NE	0-1	N	0-2	S	2	N	0-1	NNE	1	NE	1	NNE	1	N	0-1	NNW	1	1·9
18	N	2	NNE	1	N	1	NE	1-2	N	0-1	N	1-3	ENE	1-3	NE	1-2	NE	2	NNE	1-3	N	2	NE	0-2	1·5
19	SW	0	Var.	0-1	N	1-2	ENE	1-2	ENE	2-3	ENE	2-3	E	2-3	NE	1-3	NE	1-4	ENE	2-3	NE	2-3	N	1-2	1·8
20	N	3-6	N	2-5	NE	3-6	Var.	2-6	Var.	2-6	ENE	3-6	Var.	0-4	N	4-7	N	5-8	NNE	6-8	N	6-8	N	6-8	4·1
21	N	0-1	Var.	0-1	Var.	0-1	N	0-1	N	0-1	Var.	0-1	N	1	Var.	0	Calm,	0	NE	1-3	ENE	1-2	ENE	1	1·9
22	W	3	WNW	1-2	NW	0-2	N	2	N	2-3	E	0-3	N	2	WSW	0-1	NNW	1	Var.	0-1	N	0-1	N	2	1·9
23	N	4	N	2-3	N	3-4	N	2-4	N	2-4	N	2-3	N	1-3	N	3-4	NNE	4	N	2-4	NNE	1-3	NE	2-4	2·7
24	ENE	1-3	N	0-2	N	1-3	Var.	0-2	E	0-3	ENE	1	N	1	N	1-2	N	2-3	NNW	2-3	N	2-3	N	2-3	1·9
25	Var.	0-1	E	1-2	Var.	0-1	N	2-3	N	1	N	2	N	2	N	2-3	N	2-3	Var.	0-1	N	2	NNW	1-2	1·9
26	N	0	E	0-1	SSE	2	SE	1-2	SE	3	SE	3	SE	3	E	2-3	ESE	2-3	ESE	2-3	ESE	2-3	ESE	2	1·5
27	E	2	NE	1	N	2	N	1-2	N	0-2	N	1-3	N	1-3	N	2-3	N	2-4	N	3	N	2-4	Var.	1-3	1·4
28	NNW	1	NE	1-2	N	1-2	N	1-3	N	1	N	1	NE	1	E	0-1	E	1	E	0-1	N	0	ENE	0	1·4
29	NW	0-1	NE	0	N	0	N	0	N	0-1	Calm,	0	N	1	N	1	N	0	N	0	N	0-1	N	2	0·6
30	N	0	N	0-1	N	0-1	N	1	N	1	N	0-1	N	1	N	1	N	0	N	0	Calm,	0	Calm,	0	0·7
31	W	0-1	WNW	1-2	NW	1	NW	1	W	2	W	1-2	W	1-2	SSW	2	SW	2-3	SSW	2	SW	2-3	SW	2	1·5
MEANS		1·95		1·94		2·11		2·29		2·42		2·53		2·34		2·56		2·60		2·40		2·50		2·44	2·36

JULY 1884.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·009	·005	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·104	–	·001	–	–	·001	0·125	1
2	·002	·001	·001	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007	2
3	–	–	–	·002	·001	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·004	3
4	–	·002	·012	·231	·081	·018	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·352	4
5	–	–	·015	·082	·005	·002	–	–	–	–	–	–	–	–	–	–	·024	·007	–	–	·002	·009	·051	·024	0·221	5
6	·017	·031	·013	·002	·001	·001	·017	·007	·002	–	–	·004	·006	·022	–	·014	·009	·013	·037	–	–	–	–	–	0·196	6
7	–	–	–	–	–	–	–	–	–	–	–	·002	·009	·011	·013	·002	–	·010	·006	·039	·005	–	·001	·002	0·100	7
8	–	–	–	·001	·001	·002	·003	–	·001	·061	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	0·070	8
9	·011	·128	·013	·001	·001	–	–	–	–	–	–	–	–	–	–	–	·028	·004	·008	·009	·002	·006	·007	·017	0·235	9
10	·022	·055	·053	·004	·003	·010	·098	·258	·007	·002	–	–	–	–	–	–	·003	·002	·014	·010	·122	·026	·025	·020	0·804	10
11	·144	·016	·002	·040	·088	·052	·124	·085	·105	·094	·053	·020	·005	·001	–	–	–	·013	–	–	–	–	–	–	0·842	11
12	–	–	–	–	–	–	–	–	–	–	–	·015	·014	·016	–	–	–	–	–	–	–	–	–	–	0·045	12
13	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·086	·005	·003	·012	·015	–	–	–	0·122	13
14	–	·012	–	·002	–	–	·001	·063	·153	·128	·046	·084	·120	·042	·042	·008	–	·127	·010	·052	·001	·016	·045	·012	0·964	14
15	·033	·050	·006	·055	·001	·007	·027	·020	·012	·002	–	·043	·005	–	–	–	–	–	–	·016	·023	·016	·022	·010	0·348	15
16	·012	·019	·008	–	·003	·003	–	·018	·162	·034	·057	·030	·006	·002	·129	·140	·184	·098	·038	·120	·221	·226	·027	·001	1·538	16
17	·002	·013	·009	·003	·002	·011	·089	·111	·050	·057	·002	·034	·040	·002	·001	·017	·004	·002	·017	·054	·004	·002	·002	·011	0·539	17
18	·001	·008	·022	·007	·006	·007	·115	·014	·095	·028	·054	·001	·018	·050	·001	·027	·011	·002	·001	–	–	·005	·001	·006	0·480	18
19	·001	·001	·033	·001	–	–	–	–	–	·011	·028	·009	–	–	–	–	–	–	–	–	–	·001	·008	–	0·093	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	0·005	20
21	·045	·042	·002	–	–	·001	·005	·023	·023	·003	·007	·002	·011	·025	–	–	–	–	·001	·001	–	·001	·009	·006	0·207	21
22	·001	·005	·006	·005	·002	·002	–	·001	·036	·034	·002	·006	·050	·085	–	·004	·057	·120	·030	·004	·001	·005	–	–	0·456	22
23	·007	·022	·002	–	–	–	·034	·013	·020	·030	·145	·007	·034	·037	·003	·005	·002	·050	·025	·012	·019	·015	·006	·073	0·561	23
24	·175	·110	·045	·029	·069	·056	·001	·	–	–	·040	·075	·037	·006	·065	·089	·130	·022	·013	·019	·028	·050	·010	·002	1·071	24
25	–	–	–	–	·009	–	·005	·030	·028	·012	·001	·052	·010	–	–	·004	–	·001	·002	·001	–	·001	·013	·004	0·173	25
26	·012	–	·060	–	·015	–	–	–	·017	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·105	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·000	–	–	–	–	–	–	–	–	–	0·002	28
29	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	–	·005	·010	·001	·001	·001	·010	·002	0·032	29
30	·001	·001	·001	–	–	·001	·028	·008	·001	·001	·004	·009	·006	·012	–	–	–	–	–	–	·007	·035	·005	·051	0·171	30
31	·049	·021	·002	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·074	31
Sums.	0·545	0·542	0·308	0·468	0·290	0·173	0·556	0·651	0·712	0·498	0·440	0·395	0·372	0·312	0·254	0·310	0·538	0·483	0·319	0·350	0·452	0·415	0·242	0·317	9·942	Sums.
Means.	·018	·017	·010	·015	·009	·006	·018	·021	·023	·016	·014	·013	·012	·010	·008	·010	·017	·016	·010	·011	·015	·013	·008	·010	·013	Means.

BEN NEVIS OBSERVATORY.—HOURLY VALUES.

AUGUST 1884.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	0·003	1
2	·010	·014	·024	·030	·024	·006	–	·001	–	·014	·005	·030	–	·007	·073	·071	·023	–	–	–	–	·001	·012	·010	0·427	2
3	·005	·030	–	·011	·008	·005	·007	·002	·002	·002	·024	·020	·028	·045	·039	·042	·062	·085	·115	·097	·100	·040	·005	·010	0·788	3
4	·020	·008	–	·017	·045	·050	·004	·003	·025	·020	·029	·009	·001	–	–	·011	·002	–	–	–	–	·001	–	·002	0·242	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	·039	·002	–	·031	·045	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·028	·005	·315	0·348	10
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	·052	·001	–	–	·017	·001	–	–	–	–	·003	·003	·001	–	–	·025	–	·020	·070	·012	·007	·230	·002	·001	0·122	11
14	–	–	·061	·002	·001	–	–	–	–	–	·234	·019	·019	·040	·010	–	·018	·006	·007	·001	·048	–	–	–	0·410	12
15	·044	–	–	–	–	–	–	–	–	–	·112	·003	·004	·010	·001	·010	·019	·007	·032	·109	·185	·003	·255	·345	0·455	13
16	·030	·025	·091	·019	·088	·002	·060	·089	·133	·001	·037	·008	·020	·005	·002	·004	·019	·032	·109	·138	·002	·005	·007	·210	0·316	14
17	·150	·094	·031	·011	·002	·192	·001	–	·001	·039	·037	·001	·001	·004	·010	·001	·003	·009	·011	·003	·002	·005	·007	·071	0·914	15
18	·001	·001	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	·002	–	–	–	·003	·010	·011	·053	0·367	16
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
20	·001	·002	·003	–	–	–	–	·001	·020	·024	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003	18
21	·057	·058	·014	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·067	·006	·002	·008	·007	·003	0·316	19
22	·001	·001	·001	·008	·009	·008	·003	·002	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	·036	·092	0·137	20
23	–	–	–	·003	·009	·008	·003	·002	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·132	21
24	·001	–	–	·003	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·034	22
25	·001	–	–	·007	·005	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·077	23
26	·013	–	–	·002	·003	·001	·001	·001	·002	·001	–	–	·013	·050	·118	·062	·002	·005	·001	·073	·029	·060	·007	–	0·370	24
27	–	–	–	·022	·002	·084	·033	·042	·002	·008	–	·009	–	·001	·002	–	–	·018	·070	–	·014	–	·009	·006	0·161	25
28	·020	·008	·006	·009	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·218	26
29	·014	·004	·005	·003	·026	·002	·065	·060	·003	·069	–	–	–	·066	·007	·036	·002	–	–	·048	·012	·009	·028	·010	0·116	27
30	·009	·050	·043	·005	·065	·030	·090	·003	–	·040	–	–	·001	–	·087	·045	·009	·050	·008	·008	·009	·002	–	–	0·508	28
31	·003	·078	·006	·002	·022	·009	·011	·001	·004	·001	–	–	–	–	·007	·003	·001	·003	·008	·012	·009	·002	·002	·005	0·266	30
	·013	·014	·007	·014	·008	·009	·007	·008	·006	·006	·004	·007	·006	·013	·013	·010	·012	·014	·013	·013	·015	·020	·015	·027	·012	
Sums.	0·410	0·420	0·229	0·237	0·382	0·446	0·317	0·215	0·262	0·179	0·484	0·124	0·208	0·259	0·392	0·300	0·195	0·360	0·431	0·406	0·460	0·619	0·458	0·823	8·616	
Means.	·013	·014	·007	·008	·012	·014	·010	·007	·008	·006	·004	·008	·007	·008	·013	·010	·006	·012	·014	·013	·015	·020	·015	·027	·012	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	

SEPTEMBER 1884.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	·050	·003	–	–	–	0·056	1
2	–	–	–	–	·001	–	–	–	–	–	·009	·006	·020	·035	·028	·028	·060	·070	·007	·016	·002	·018	–	·001	0·301	2
3	–	–	–	–	–	–	·001	–	.	–	..	·008	–	·004	·026	·003	–	–	–	·001	–	–	–	–	0·043	3
4	·004	–	–	·001	·002	·005	–	–	–	–	–	–	–	–	–	·001	–	–	·110	·069	·001	–	–	–	0·193	4
5	–	–	–	–	–	–	–	–	–	–	–	–	·055	·100	·003	·001	–	–	–	–	–	–	–	–	0·159	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	·001	·004	·010	·021	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·002	·031	·004	·002	0·084	7
8	·011	·041	·007	·033	·003	·003	·002	–	–	–	–	–	–	–	–	–	–	–	–	·030	·085	·157	·031	·006	0·409	8
9	·011	·004	·008	·002	·003	–	·030	·008	·025	·003	·005	·001	·001	·001	–	·004	·004	·005	·003	·004	·008	·002	·001	·002	0·135	9
10	·005	·001	·000	·005	·004	·001	–	–	·007	·028	·007	·001	–	–	–	–	–	–	–	·008	·012	·002	–	–	0·081	10
11	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	..	–	·009	–	–	–	–	–	–	–	–	–	–	–	0·009	16
17	–	–	–	–	–	·010	·011	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·003	·004	0·039	17
18	·003	·002	–	·003	·001	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·011	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	0·002	19
20	·009	·003	·179	·070	·006	·009	·003	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·287	20
21	–	–	–	–	–	·005	..	–	–	–	–	·025	·120	·142	·104	·082	·012	·001	·001	·004	·002	·001	·002	·004	0·505	21
22	·001	·002	·010	·005	·040	·023	·029	·050	·097	·092	·005	·047	·018	·211	·140	·159	·075	·067	·090	·048	·068	·009	·069	·002	1·357	22
23	·128	·009	·086	·055	·039	·043	·030	·030	·015	–	–	·023	·001	–	–	·002	–	–	·016	·060	·047	·026	·021	·017	0·648	23
24	·080	·075	·063	·060	·007	·046	·045	·050	·040	·077	·045	·140	·165	·065	·009	·014	·008	·002	·012	·044	·043	·023	·080	·070	1·263	24
25	·223	·029	·088	·072	·027	·005	·002	·001	–	·010	·003	·001	–	–	–	–	–	–	–	·003	·050	·263	·344	1·121	25
26	·143	·032	·140	·023	·008	·095	·002	–	–	·012	–	·010	·023	·020	·003	·033	·075	·008	·001	·007	·002	–	–	·013	0·650	26
27	·041	·048	·077	·080	·075	·085	·165	·132	·168	·230	·090	·003	·003	·101	·043	·060	·002	·125	·030	·039	·009	·058	·075	·080	1·819	27
28	·149	·067	·024	·043	·010	·010	·011	·002	·015	·001	–	·003	·008	·040	·074	·009	·026	·035	·035	·036	·060	·101	·042	·002	0·803	28
29	–	–	·031	·098	·060	–	·060	·004	·003	·004	·017	·040	·053	·001	·051	–	·001	·002	–	–	–	–	–	·042	0·467	29
30	–	–	–	–	–	·006	·034	·027	·002	–	–	·013	·050	·101	·076	·077	·128	·210	·212	·073	·035	·010	·051	·056	1·161	30
31																										31
SUMS.	0·809	0·317	0·723	0·571	0·290	0·346	0·427	0·312	0·372	0·457	0·181	0·321	0·526	0·821	0·557	0·476	0·391	0·525	0·517	0·494	0·382	0·498	0·642	0·647	11·602	SUMS.
MEANS.	·027	·011	·024	·019	·010	·012	·014	·010	·012	·015	·006	·011	·018	·027	·019	·016	·013	·018	·017	·016	·013	·017	·021	·022	·016	MEANS.

OCTOBER 1884.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·032	·115	·003	–	·080	·085	·038	·003	·002	·037	–	·007	·077	–	·012	·009	·021	·006	–	–	–	–	–	–	0·527	1
2	–	–	·003	·009	·065	·038	·030	·009	·032	·030	·047	·033	·023	·080	·126	·082	·011	·107	·280	·067	·018	·006	·026	·039	1·161	2
3	·058	·071	·024	·008	–	·018	·025	·136	·070	·005	·010	·003	·013	·001	·009	·004	–	–	–	–	–	–	–	–	0·455	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	–	–	·001	–	–	·003	–	0·010	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·006	0·010	7
8	·128	·038	·054	·016	·003	·005	·004	·010	·021	·013	·007	·045	·020	·003	·002	·001	–	–	·001	·001	–	–	–	–	0·372	8
9	·006	·008	·001	·032	·031	·077	·075	·045	·007	·030	·037	·100	·110	·153	·079	·099	·003	–	–	·014	·067	·021	·002	–	0·997	9
10	–	·003	·023	·088	·015	·002	–	–	–	·007	–	–	·075	–	–	–	–	·001	·001	–	–	·009	·001	·001	0·226	10
11	–	–	–	·012	–	·008	–	·001	·003	·002	–	–	–	–	–	–	–	·010	·009	·002	–	–	–	·002	0·049	11
12	·002	·004	–	·003	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·011	12
13	–	–	–	–	–	·014	·010	·020	·025	·007	·037	·050	·045	·006	·002	–	–	–	–	·007	·012	·010	–	·004	0·249	13
14	·002	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·001	·010	0·021	14
15	·042	·037	·051	·054	·116	·137	·115	·136	·120	·055	·050	·050	·024	·010	·002	·002	·001	–	–	–	–	–	–	–	1·002	15
16	–	–	–	–	–	–	–	·007	·023	·023	·009	·008	·040	·041	·022	·030	·024	·034	·071	·050	·021	·004	–	–	0·407	16
17	–	–	–	·009	·014	·080	·091	·099	·038	·095	·090	·088	·160	·118	·065	·071	·065	·070	·130	·053	·009	·011	·005	·010	1·371	17
18	·017	·019	·042	·020	·030	·043	·028	·015	·024	·058	·019	·013	·015	·100	·047	·064	·010	·040	·042	·020	·123	·129	·121	·101	1·140	18
19	·041	·003	·003	·002	·004	–	–	–	–	·005	·006	·007	·009	·020	·028	·041	·011	·008	·002	·009	·008	·009	·005	·004	0·225	19
20	·017	·011	·006	·011	·009	·010	·003	–	–	·008	–	–	·003	·013	·016	·006	·025	·009	·023	·010	·011	·020	·022	·035	0·268	20
21	·034	·038	·011	·008	·006	·006	·002	·002	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	0·108	21
22	–	–	·001	·005	·007	·002	·001	–	–	·001	·012	·002	·002	·003	·005	·004	–	·002	–	–	·001	–	–	–	0·048	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	·001	–	·001	–	0·003	23
24	·002	·001	·008	·032	·045	·034	·006	·116	·013	·009	·002	·001	·002	–	–	–	–	–	–	–	–	–	–	–	0·271	24
25	–	·011	·001	–	·010	·018	·035	·065	·090	·182	·196	·164	·116	·164	·148	·162	·165	·245	·450	·592	·646	·410	·281	·080	4·231	25
26	·006	·023	·009	·008	·034	·035	·009	·038	·050	·006	·066	·032	·085	·038	·008	·012	·054	·111	·070	·098	·116	·018	·020	·032	0·978	26
27	·011	·010	·079	·050	·022	·006	·016	·006	·006	·001	·003	–	·067	·006	–	·057	·006	·007	·005	·012	·026	·050	·058	·062	0·566	27
28	·111	·033	·132	·180	·135	·082	·037	·007	·002	·002	·046	·009	·016	·002	–	–	·001	–	–	–	–	–	·028	·020	0·843	28
29	·001	·056	·046	·030	·055	·288	·058	·028	·018	·025	·012	·034	·008	·006	·011	·070	·072	·024	·083	·022	·011	·021	·047	·100	1·126	29
30	·008	·070	·002	·020	·027	·006	·109	·145	·060	·075	·041	·033	·043	·035	·050	·011	·053	·040	·070	·070	·160	·279	·199	·295	1·901	30
31	·093	·023	·008	·072	·110	·213	·120	·130	·070	·217	·255	·172	·065	·005	·001	·001	–	–	–	–	–	·006	·062	·043	1·666	31
SUMS.	0·611	0·575	0·508	0·670	0·820	1·207	0·812	1·018	0·674	0·893	0·945	0·851	1·018	0·804	0·633	0·726	0·529	0·714	1·237	1·029	1·230	1·008	0·886	0·844	20·242	SUMS.
MEANS.	·020	·019	·016	·022	·026	·039	·026	·033	·022	·029	·030	·027	·033	·026	·020	·023	·017	·023	·040	·033	·040	·033	·029	·027	·027	MEANS.

NOVEMBER 1884.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·039	·033	·011	·010	·021	·005	·033	·080	·050	·092	·064	·019	·040	·009	·024	·001	·007	·010	–	–	·001	·015	·020	·028	0·612	1
2	·045	·090	·059	·072	·035	·060	·013	·040	·024	·023	·014	·003	·038	·005	·130	·061	·037	·080	·023	·012	·037	·005	·007	·016	0·929	2
3	·050	·040	·049	·114	·025	·071	·008	·070	·006	·003	–	–	–	·003	–	–	–	–	·002	·022	·005	[·030]	·040	[·030]	0·568	3
4	·025	·041	·023	·007	·010	·009	·011	·010	·009	·036	·009	·013	·020	·022	·030	·005	–	·013	·125	·081	·099	·024	·070	·122	0·814	4
5	·041	·009	·060	·040	·077	·160	·086	·013	·043	·066	·095	·175	·250	·100	·251	·070	·076	·130	·490	·050	·032	·041	·180	·019	2·554	5
6	·152	·036	·016	·099	·008	·018	·128	·008	·230	·005	·026	·015	–	·071	·020	·072	·010	·037	·004	·012	–	·023	–	·021	1·011	6
7	·010	·024	·033	[·050]	[·100]	[·085]	[·040]	[·085]	·120	·095	·078	·155	·004	·018	·110	·032	·038	·026	·015	·004	–	·001	·008	–	1·131	7
8	–	–	–	·010	·015	·040	·017	·035	·270	·445	·125	·193	·660	·136	·157	·160	·183	·175	·173	·133	·103	·201	·230	·071	3·532	8
9	·039	·030	·260	·112	·200	·210	·070	·045	·004	·006	·052	–	·107	·017	·068	·019	·014	·035	·010	·089	·188	·011	·050	·044	1·680	9
10	·007	·010	·013	·006	·006	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·043	10
11	–	·006	–	–	–	·001	–	–	–	·002	–	–	·003	·052	·020	·032	·027	·038	·117	·053	·040	·043	·009	·011	0·454	11
12	·010	·021	·030	·052	·050	·094	·049	·039	·060	·115	·055	·038	·037	·008	·040	·113	·002	·018	–	·004	·006	.	·006	·013	0·860	12
13	–	·032	·007	·008	·004	·007	–	–	–	–	–	·010	–	–	–	–	–	–	–	–	–	–	–	–	0·068	13
14	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	..	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–		–	–	–	·060	·008	–	–	–	·010	·010	·001	·001	·004	·021	–	0·115	17
18	·037	·010	·009	·003	–	–	–	–	–	–	–	–	–	·020	·001	·003	·006	·006	·008	·005	·006	·008	·002	·012	0·136	18
19	–	·049	–	·040	·003	·020	–	·005	–	·007	–	–	–	·008	–	·029	–	·043	·007	·021	·003	·031	–	·008	0·274	19
20		·057	·009	·018	·045	·025	·024	·010	·014	·013	·009	·007	–	·008	·002	·010	·010	·043	–	·007	·009	·011	·004	·099	0·434	20
21	·001	·014	·009	·064	·010	·023	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·126	21
22	–	·001	·006	–	·004	·003	·005	·004	·005	·005	·007	·004	·004	–	–	·001	·001	·004	·012	–	·015	·011	·019	·010	0·121	22
23	·006	·007	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·010	–	–	–	–	0·029	23
24	–	–	–	–	–	–	–	–	–	–	·008	·011	·010	·005	·019	·022	·020	·004	·005	·010	·001	·010	·008	·004	0·137	24
25	·072	·009	·072	–	·005	·009	·015	004	·009	·001	·008	·006	·070	·002	–	–	·001	·004	·006	–	·005	·002	·013	·001	0·314	25
26	·008	·072	·016	·010	·023	·005	·004	·005	·005	·032	·013	·010	·010	·009	·058	·043	·029	·032	·048	·043	·051	·024	·049	·073	0·672	26
27	·190	·156	·103	·058	·056	·080	·080	·130	·039	·032	·065	·136	·045	·038	·022	·110	·102	·075	·086	·113	·070	·040	·022	·048	1·896	27
28	·020	·007	·006	·113	·020	·022	·010	·056	·005	·010	·004	·014	·004	·011	·001	·080	·004	·085	·001	–	·001	–	–	·030	0·504	28
29	·020	·004	·006	·002	·001	·014	–	·003	·001	·001	–	–	·009	·001	–	–	–	–	–	–	–	–	–	–	0·062	29
30	–	–	.	–	–	–	–	–	·010	–	–	·001	–	·001	–	–	–	·007	–	–	–	–	–	·003	0·022	30
31																										31
SUMS.	0·772	0·758	0·797	0·889	0·718	0·962	0·598	0·642	0·904	0·989	0·632	0·810	1·371	0·552	0·953	0·863	0·567	0·875	1·147	0·670	0·673	0·535	0·758	0·663	19·098	SUMS.
MEANS.	·026	·025	·027	·030	·024	·032	·020	·021	·030	·033	·021	·027	·046	·018	·032	·029	·019	·029	·038	·022	·022	·014	·025	·022	·027	MEANS.

DECEMBER 1884.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·001	–	–	–	–	–	–	–	–	–	–	–	·009	·006	–	–	–	–	–	–	–	–	·001	·006	0·023	1
2	·010	·010	·026	·026	·013	·011	·008	·049	·055	·064	·127	·054	·085	·029	·035	·040	·006	·009	·001	·002	·004	·009	·016	·002	0·691	2
3	·009	·009	·008	·010	·006	·030	·025	·020	·009	·003	·008	·020	·102	·027	·033	·011	·135	·106	·085	·107	·139	·073	·020	·008	1·003	3
4	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·056	·035	·019	·045	·151	·101	·151	·109	·099	0·771	4
5	·148	·027	·029	·044	·036	·146	·043	·013	·010	·006	·009	·008	–	–	·004	–	·011	·013	·044	·032	·070	·142	·071	·022	0·978	5
6	·094	·139	·234	·193	·146	·110	·102	·030	·033	·145	·154	·145	·105	·121	·065	·059	·109	·035	·059	·058	·030	·142	·013	·012	2·333	6
7	·090	·018	·020	·075	·083	·023	·050	·037	·050	·030	·040	·060	·030	·016	·040	·030	·010	·006	·032	·011	·009	·038	·091	·029	0·918	7
8	·019	·020	·012	·030	·061	·027	·050	·036	·135	·037	·025	·030	·149	·042	·110	·009	·050	·088	·011	·012	·039	·076	·063	·042	1·173	8
9	·151	·020	·037	·072	·028	·012	·009	·040	·074	·053	·017	·075	·034	·120	·112	·131	·035	·050	·009	·007	·009	·022	·009	·013	1·139	9
10	·016	·013	·017	·030	·035	·060	·060	·050	·110	·180	·250	·333	1·302	·088	·051	·213	·120	·165	·140	·033	·223	·150	·342	·283	4·264	10
11	·096	·183	·130	·100	·113	·130	·017	·020	·085	·075	·150	·144	·141	·044	·010	·013	·006	·002	–	–	–	–	–	·002	1·461	11
12	–	·010	·001	·003	–	–	·015	·010	·023	·015	·030	·024	·039	·047	·044	·130	·190	·126	·080	·009	·004	·003	·002	·052	0·857	12
13	·061	·010	·091	·083	·075	·137	·056	·007	·027	·385	·135	·010	·002	·038	·001	·004	–	·018	·035	·007	·007	·011	·009	·053	1·262	13
14	·121	·166	·130	·072	·143	·388	·688	·446	·185	·075	·023	·200	·075	·083	·021	·083	·020	·030	·030	·020	·085	·063	·129	·072	3·348	14
15	·037	·031	·020	·045	·026	·013	·006	·005	–	·055	·021	·020	·016	·030	·040	·030	·020	·080	·013	·051	·009	·053	·010	·060	0·691	15
16	·008	·011	·006	·017	–	·096	·007	–	–	·017	·070	·027	[·025]	·024	·020	·010	·004	·023	·006	·003	·032	·002	·083	·092	0·493	16
17	·020	·011	·004	·009	·026	·008	·011	·043	·009	·037	·045	·120	·020	·022	·011	·020	[·030]	·039	·023	·032	·020	·009	·008	·010	0·587	17
18	·025	·007	·003	·005	·005	·034	·008	·014	·004	·013	·007	·060	·070	·032	·005	·080	·050	·128	·055	·071	·052	·077	·064	·010	0·879	18
19	·032	·059	·032	·128	·110	·085	·086	·171	·170	·197	·100	·170	·140	·090	·099	·123	·097	·118	·087	·009	·007	·004	–	·001	2·115	19
20	–	–	–	–	–	–	–	–	–	·017	–	–	·004	·006	·020	·014	·010	·002	·005	·001	·007	·002	·007	–	0·095	20
21	·002	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	·008	·001	·007	–	–	–	–	–	–	·001	·007	·005	·004	–	·003	·001	–	–	–	–	0·037	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	·006	–	–	·008	·005	·003	·001	–	0·025	26
27	–	–	–	–	–	·003	–	·002	·010	·004	–	·010	·007	–	·003	–	–	–	–	–	–	–	–	·001	0·040	27
28	–	–	–	·002	·008	·004	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·016	28
29	–	–	–	–	–	–	–	–	–	–	·005	–	–	·001	·001	–	·001	–	·001	–	·001	–	–	–	0·010	29
30	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	0·002	30
31	–	–	·004	–	·006	–	·003	–	·002	·002	·002	·001	·004	–	·007	·008	·016	·004	·004	·007	·005	·001	·002	–	0·078	31
SUMS.	0·945	0·745	0·805	0·944	0·978	1·228	1·253	0·993	0·991	1·410	1·218	1·513	2·359	0·867	0·739	1·069	0·965	1·061	0·768	0·632	0·858	1·031	1·051	0·869	25·292	SUMS.
MEANS.	·030	·024	·026	·030	·032	·040	·040	·032	·032	·045	·039	·049	·076	·028	·024	·034	·031	·034	·025	·020	·028	·033	·034	·028	·034	MEANS.

JANUARY 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	·001	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	–	·001	–	·001	–	·001	–	0·014	1
2	–	–	·001	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	·002	–	–	·001	0·015	2
3	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·007	–	–	–	·001	·001	–	–	–	–	0·010	3
4	–	–	–	–	–	–	–	–	–	–	·007	·011	·050	·011	·010	·010	·034	·021	·105	·010	·042	·011	·021	·019	0·362	4
5	·024	·037	·045	·012	·060	·025	·007	·002	·002	·002	–	·055	·030	·081	·025	·010	·004	·001	–	·002	·001	·001	·002	·007	0·435	5
6	·004	·011	·012	·013	·008	·032	·007	·034	·060	·276	·096	·061	·026	·016	·009	·010	·008	·085	·044	·009	·032	·061	·010	·150	1·074	6
7	·011	·028	·052	·050	·023	·010	·018	·006	·013	·011	·008	·012	·010	·012	·007	·011	·002	·026	·021	·020	·008	·020	·014	·030	0·423	7
8	–	–	–	–	[·020]	[·030]	[·020]	[·020]	[·020]	[·024]	[·023]	[·024]	[·024]	[·024]	[·024]	·011	·098	·048	·182	·010	·143	·009	·011	·004	0·769	8
9	·012	·005	006	·004	·010	·017	·012	·011	·020	·008	·008	·020	·040	·011	·008	·091	·028	·151	·105	·020	·004	·048	·002	·020	0·661	9
10	·012	·010	·010	·004	·001	·008	–	·011	·010	·202	·143	·110	·015	·082	·009	·020	·008	·010	·004	·001	·001	–	–	·007	0·678	10
11	·010	·011	·008	·003	·006	·001	·015	·009	–	·001	–	–	·001	–	–	–	–	–	–	–	-	–	–	–	0·065	11
12	·001	·002	·001	–	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	0·005	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	0·001	14
15	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	–	–	–	–	16
17	–	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	·010	·004	–	–	–	–	–	–	–	–	–	–	–	0·014	18
19	–	·001	–	–	·003	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007	19
20	–	–	-	–	–	–	–	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	-	–	–	-	–	–	–	–	–	–	–	–	–	–	22
23	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·027	·018	·013	·011	·010	·018	0·097	25
26	·041	·016	·025	·018	·009	·006	·006	·027	·008	·008	·003	·007	·003	·003	·005	·006	·003	·003	·010	·005	–	–	–	–	0·212	26
27	–	–	–	·001	–	–	–	–	·006	–	–	·007	–	·010	·012	·003	·005	–	·006	·001	–	–	–	–	0·051	27
28	·004	·002	–	–	–	–	–	·015	·470	·078	·070	·007	·090	·080	·005	·004	·006	·006	·030	·063	·028	·009	·001	–	0·968	28
29	–	–	–	–	–	–	–	–	–	–	–	·018	·017	·065	·022	·006	·006	·003	–	-	–	–	–	–	0·137	29
30	·008	·016	·025	·031	·029	·033	·058	·090	·025	·046	·030	·047	·103	·032	·060	·042	·008	·008	·003	–	–	·003	–	·007	0·704	30
31	·020	·026	·039	·020	·039	·012	·018	·017	[·025]	[·035]	·055	·073	·010	·009	·013	·029	·019	·020	·032	–	·020	·039	·032	·023	0·625	31
SUMS.	0·147	0·165	0·225	0·162	0·208	0·175	0·163	0·242	0·660	0·691	0·443	0·462	0·434	0·436	0·216	0·253	0·229	0·382	0·576	0·161	0·295	0·212	0·104	0·286	7·327	SUMS.
MEANS.	·005	·005	·007	·005	·007	·006	·005	·008	·021	·022	·014	·015	·014	·014	·007	·008	·007	·012	·019	·005	·010	·007	·003	·009	·010	MEANS.

FEBRUARY 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·090	·050	·050	·045	·010	·012	·004	·012	·020	·019	·026	·011	·012	·028	·013	·010	·013	·013	·012	·109	·008	·010	·002	·034	0·613	1
2	0·001	·001	·007	·006	·007	·009	·008	·011	–	–	–	·003	·001	·002	·008	·007	·010	·010	·008	·019	·013	·025	·015	·030	0·201	2
3	·021	·008	·005	·002	·014	·007	·034	·018	·010	–	·001	–	·040	·008	·005	·003	·006	·002	·002	–	·012	·031	–	·013	0·242	3
4	·009	·008	·018	–	–	·003	–	–	–	–	–	–	·001	·016	·008	·009	·004	·001	·002	·001	–	·005	·001	·001	0·087	4
5	–	–	–	·001	·001	·013	·014	·022	·064	·056	·075	·070	·064	·090	·025	·066	·104	·027	·021	·006	·005	·011	–	·002	0·737	5
6	–	–	–	–	·002	·002	·007	·003	·009	·120	·133	·195	[·150]	[·020]	[·020]	[·040]	[·040]	[·080]	[·080]	[·040]	[·040]	[·080]	[·040]	[·080]	1·181	6
7	·040	·022	·070	·031	·028	·047	·020	·050	[·050]	·035	·040	·013	·010	[·018]	·020	·230	·017	·045	·351	·359	·048	·042	·011	·030	1·627	7
8	·013	·014	–	·013	·223	·020	·046	[·050]	[·040]	[·110]	·115	·145	·074	·050	·003	–	·001	–	–	·034	·089	·089	·061	·020	1·210	8
9	·008	·007	·001	·006	·001	·018	–	–	–	–	·	–	·002	–	·017	·020	·018	·037	·008	·001	·024	·059	·014	·005	0·246	9
10	·029	·003	·025	·005	·001	–	–	·003	–	–	–	–	·001	–	·010	·015	·020	[·030]	[·050]	·050	·101	·133	·117	·103	0·696	10
11	·090	·134	·089	·093	·043	·015	·079	·015	·010	·007	·085	·019	·029	·010	·010	·004	–	·005	·010	·010	·009	·113	·067	·071	1·017	11
12	·065	·062	·061	·035	·052	·042	·086	·066	·079	·240	·150	·263	·224	·140	·081	·051	·052	·040	·070	·040	·010	·008	·006	–	1·923	12
13	–	–	–	–	·007	·018	·010	·134	·140	·097	·032	·107	·112	·090	·041	·041	·063	·069	·152	·149	·104	·044	·070	·020	1·500	13
14	·039	·003	·002	·001	·001	·002	·001	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	0·050	14
15	–	–	–	–	–	–	–	–	–	·006	·008	·016	·009	·007	·026	·008	·001	–	–	–	·007	·004	–	–	0·092	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	·002	–	–	·009	·008	–	0·024	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·027	·012	·003	·005	·001	·001	–	·001	0·050	18
19	–	–	–	–	·005	·010	·003	–	·030	·100	·075	·050	·006	–	–	–	·004	·007	·001	·004	–	·003	·001	–	0·299	19
20	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002	20
21																									1·000	21
22																										22
23	·036	·015	·031	·042	·016	·040	·065	·029	·150	[·160]	·043	·019	·008	·009	·001	·005	·002	·001	–	–	–	·010	·011	·008	0·701	23
24	·013	·008	·012	·070	·125	·050	·094	·090	·075	·025	·069	·029	·055	·025	·029	·034	·038	·037	·082	·009	·005	–	·060	·024	1·058	24
25	·015	·030	·131	·110	·126	·100	·020	·018	·004	·025	·003	·008	·023	·012	·002	·006	–	·004	–	–	–	·001	–	–	0·638	25
26	–	–	–	·003	·009	·008	·017	·019	·050	·160	·050	·020	·020	·010	·015	·026	·035	·045	·078	·149	·113	·008	·082	·010	0·927	26
27	·122	·003	·003	·001	·007	·005	·002	–	–	–	·027	·002	·015	·051	·010	·011	·008	·013	·011	·170	·082	·040	·098	·046	0·727	27
28	·020	·012	·008	·011	·014	·007	·007	·002	–	·001	–	–	·003	·001	·001	·001	..	–	–	·001	–	–	–	–	0·089	28
29																										29
30																										30
31																										31
SUMS.	0·611	0·382	0·513	0·475	0·692	0·428	0·517	0·542	0·731	1·161	0·932	0·970	0·859	0·587	0·345	0·587	0·469	0·478	0·943	1·156	0·671	0·726	0·664	0·498	16·937	SUMS.
MEANS.	·024	·015	·020	·018	·027	·016	·020	·021	·028	·045	·036	·037	·033	·023	·013	·023	·018	·018	·036	·044	·026	·028	·026	·019	·025	MEANS.

MARCH 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·001	·001	–	–	0·008	2
3	·008	–		·006	·001	·006	·007	·004	·006	·005	·008	·010	·003	·012	·001	·004	–	·034	·014	·083	·043	·025	·019	·012	0·311	3
4	·007	·011	–	·019	·002	·008	·005	·003	·001	·006	–	·003	·008	·003	·006	·006	–	·006	·001	·001	–	·001	–	·015	0·112	4
5	·013	·015	·001	·008	·010	·012	·010	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·076	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	·017	·019	·023	·020	·023	·013	·060	·013	·039	·014	·025	·015	·007	·002	·008	·008	·040	·089	0·435	7
8	·020	·008	·011	·008	·003	·003	·006	·008	·010	·006	·004	–	·020	·003	·006	·004	·008	–	·002	·003	–	–	–	–	0·133	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	0·008	10
11	–	–	–	·001	–	–	–	·010	–	·014	·008	·006	·006	·005	–	–	–	–	·008	·014	·018	–	·004	·006	0·100	11
12	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.	0·003	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	0·008	0·008	15
16	·102	·063	·032	·014	·060	·043	·038	·115	·075	·027	·023	·014	·009	·015	·011	·014	·009	·060	·124	·018	·009	·017	·020	·044	0·956	16
17	·071	·082	·175	·134	·143	·170	·330	·360	·040	·060	·040	·027	·090	·092	·102	·060	·074	·044	·025	·029	·026	·028	·013	·035	2·250	17
18	·020	·040	·043	·040	·030	·065	·010	·010	·007	·002	·001	–	·002	·001	·015	·060	·022	·014	–	·008	·006	·006	–	–	0·402	18
19	–	–	–	–	–	–	–	–	–	·006	·005	·003	·002	·008	·010	·015	·042	·041	·050	·062	·052	·052	·022	·020	0·390	19
20	·021	·100	·120	·038	·020	·010	·024	·010	·010	·021	·023	·027	·081	·068	·071	·031	·052	·020	·023	·010	·030	·007	·019	·010	0·846	20
21	·012	·009	·007	·010	·010	·080	·015	·015	·010	·004	·008	·001	·001	–	–	–	–	–	–	–	–	–	·004	·026	0·212	21
22	·021	·050	·012	·004	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·092	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·005	–	·008	0·014	23
24	·004	·007	·003	·005	·010	·035	·011	·015	·012	·037	·020	·030	·023	·048	·040	·016	·017	·018	·009	·001	·010	·003	·001	–	0·375	24
25	–	–	–	–	–	–	–	–	–	–	·045	·065	·135	·090	·142	·090	·035	·030	·039	·111	·072	·006	·005	–	0·865	25
26	–	–	·001	–	–	–	–	·020	·010	·020	·050	·050	·190	·273	·150	·098	·013	·019	·051	·110	·023	·029	·010	·113	1·230	26
27	·109	·123	·122	·024	·134	·230	·070	·020	·010	·010	·011	·012	·002	·015	·004	·006	·005	–	·005	·001	–	–	–	–	0·913	27
28	–	–	–	–	–	–	–	–	–	–	–	–	·002	·008	·003	·001	·001	·010	·011	·042	·038	[·040]	[·040]	[·040]	0·236	28
29	[·040]	[·040]	[·040]	[·040]	[·040]	[·040]	[·040]	·036	·070	·100	·122	·130	·141	·092	·100	·021	·135	·113	·080	·070	·038	·082	·008	·018	1·636	29
30	·009	·007	·002	·003	·010	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·041	30
31	–	–	–	–	–	–	–	–		–	–	·040	·099	·110	·089	·415	·128	·020	·025	·041	·040	·031	·032	·088	1·158	31
SUMS.	0·459	0·556	0·569	0·354	0·478	0·712	0·583	0·652	0·284	0·338	0·391	0·431	0·874	0·856	0·789	0·855	0·566	0·444	0·474	0·612	0·415	0·341	0·245	0·532	12·810	SUMS.
MEANS.	·015	·018	·018	·011	·015	·023	·019	·021	·009	·011	·013	·014	·028	·028	·025	·028	·018	·014	·015	·020	·013	·011	·008	·017	·017	MEANS.

APRIL 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·103	·060	·031	·019	·050	·014	·005	–	–	–	·025	·016	·007	·009	·013	·012	·008	·024	·049	·010	·012	·014	·019	·061	0·561	1
2	·135	·068	·042	·075	·026	·020	·030	·050	·010	·010	·050	·025	·004	·041	·008	·010	·009	·010	·021	·021	·006	·019	–	·022	0·712	2
3	·009	·011	·030	·010	·005	·010	·011	·014	·013	·016	·040	·017	·024	·010	·011	·001	·002	·002	–	–	–	–	–	–	0·236	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·001	·011	·001	·019	·013	·018	·013	·010	0·090	9
10	·009	·010	·038	·022	·012	·010	·010	·007	·002	–	–	–	·010	·024	·009	·008	·005	·001	·010	·008	·011	·010	·012	·011	0·239	10
11	·014	·015	·009	·005	·005	–	·003	–	·003	–	·001	·003	–	–	–	–	–	–	–	–	–	–	–	–	0·058	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	·037	·020	–	·018	–	–	–	–	–	–	–	–	–	–	–	·006	·090	·105	·030	·021	·021	·019	·046	·048	0·461	20
21	·025	·146	·068	·074	·080	·141	·100	·030	·040	·023	·090	·027	·029	·068	·057	·109	·146	·078	·039	·016	–	–	–	–	1·386	21
22	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·028	–	0·039	22
23	·014	·002	·001	·013	·014	·013	·009	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·070	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	–	–	·008	·020	·019	·032	·027	·018	0·137	24
25	·030	·016	·007	·008	·010	·027	·030	·040	·030	–	·010	·005	–	·001	·021	·002	·008	·008	·005	·012	·005	·011	·063	·019	0·368	25
26	·030	·007	·010	·010	·012	·007	·011	·003	·006	·023	·009	·003	–	·006	·017	·002	·012	–	·002	–	–	·010	·001	·016	0·197	26
27	·029	·008	·003	·001	·001	·001	·002	·008	·010	·026	·033	·013	·031	·038	·025	·038	–	·002	–	–	–	–	–	–	0·269	27
28	–	–	–	–	–	–	–	–	·010	·009	·001	·004	–	·001	–	–	–	–	–	–	–	–	–	–	0·025	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–		–	–	·008	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	0·013	30
31																										31
SUMS.	0·435	0·363	0·239	0·255	0·215	0·243	0·211	0·156	0·132	0·107	0·264	0·113	0·105	0·198	0·161	0·205	0·281	0·241	0·165	0·127	0·087	0·144	0·209	0·205	4·861	SUMS.
MEANS.	·015	·012	·008	·008	·007	·008	007	·005	·004	·004	·009	·004	·004	·007	·005	·007	·009	·008	·006	·004	·003	·005	·007	·007	·007	MEANS.

MAY 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	·013	·003	·008	·018	·009	·003	·008	–	·002	·003	–	–	–	–	–	0·067	1
2	–	–	–	·017	·007	·007	·014	·001	·013	·011	·006	–	–	–	–	·004	·002	·001	·030	·009	–	–	–	–	0·122	2
3	–	·004	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	·009	0·021	3
4	–	·006	·003	·009	·008	·009	–	·003	·005	·002	–	–	–	·003	·007	–	–	·001	–	–	–	–	–	–	0·056	4
5	–	–	–	–	–	·010	·020	·004	·005	·010	–	–	·010	·040	·024	·008	·010	·029	·020	·010	·010	·003	–	–	0·213	5
6	–	–	–	–	–	–	–	–	–	–	–	–	·019	–	–	·014	·001	–	–	–	–	–	–	–	0·034	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	·013	·085	·019	·013	·006	·001	–	·002	·006	·001	·008	–	·005	0·159	8
9	·008	·009	·011	·035	·010	–	·004	–	–	–	–	–	–	·009	·007	·003	·006	·012	·013	[·015]	·020	·005	·051	·133	0·351	9
10	·028	·006	·007	·006	·003	·001	–	–	–	·003	–	·033	–	·010	–	·002	–	·004	·008	·003	·009	·007	·023	·043	0·199	10
11	·010	·025	·009	·007	–	·003	–	–	–	–	–	–	–	·006	–	–	–	–	–	–	–	–	–	–	0·060	11
12	–	–	–	–	–	–	·001	·011	·028	·003	·030	·020	·043	·050	·003	·001	·005	·020	·006	–	–	–	–	–	0·221	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	–	–	–	–	–	–	–	0·006	13
14		–	–	–	·005	·033	·031	·018	·010	–	–	·001	·009	·021	·044	·008	·007	·011	–	–	–	·003	–	–	0·201	14
15	–	–	–	–	–	–	·010	·010	·023	·020	·050	·060	·054	·249	·010	·020	·027	·028	·018	·012	·030	·128	·014	·070	0·833	15
16	·031	·024	·005	·006	·004	·006	·003	·006	·001	·001	–	–	–	·003	·001	·010	·001	·001	·010	·018	·018	·076	·111	·049	0·385	16
17	·032	·107	·028	·018	·015	·016	·015	·011	·017	·030	·030	·050	·011	·018	·021	·031	·070	·040	·024	·020	·012	·001	·020	·008	0·645	17
18	·010	·002	·008	·011	·008	·020	·006	·004	·002	·005	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	0·079	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·001	0·007	19
20	·001	·007	·007	·014	·015	–	–	–	–	–	–	·010	·003	·011	·013	·019	·013	·004	·009	·009	·005	·010	·001	–	0·151	20
21	–	–	·008	·016	·016	·040	·019	–	–	–	–	·018	·007	·001	–	–	–	–	–	·002	·010	·009	·014	·012	0·172	21
22	·007	·009	·006	·002	·003	–	·001	·002	·006	·003	–	·010	·011	·003	·015	·009	·025	·037	·016	·007	·010	·006	–	·002	0·190	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·005	·006	·008	·030	·009	·001	·002	–	·001	·010	0·079	23
24	·023	·003	·008	·003	·010	·007	·003	·001	–	–	–	·010	·021	·001	·005	–	–	–	–	–	–	–	·001	–	0·096	24
25	·007	–	·001	·008	–	·009	·018	·006	–	–	–	·010	·005	·003	·020	·003	·007	–	–	–	–	–	–	–	0·097	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·001	–	0·008	26
27	–	–	–	–	–	–	–	·015	·001	–	–	–	–	–	·001	–	–	–	·003	–	–	–	–	–	0·020	27
28	–	–	·006	·008	·040	·013	·180	·110	·033	·009	·010	–	–	·001	·002	–	·002	–	–	–	·001	·001	·015	·139	0·570	28
29	·022	·013	·013	·008	·010	·010	·019	–	·023	·045	·035	·006	·008	·033	·033	·070	·050	·105	·048	·004	·006	·007	·001	·001	0·570	29
30	–	–	–	·013	·033	·040	·050	·028	·095	·150	·030	·158	·079	·160	·190	·210	·080	·122	·200	·042	·011	·012	·030	·048	1·781	30
31	·093	·092	·143	·111	·202	·023	·033	·038	·097	·005	·037	·004	·040	·038	–	·003	·007	·010	–	–	–	–	–	–	0·976	31
SUMS.	0·272	0·307	0·266	0·292	0·389	0·247	0·427	0·268	0·359	0·310	0·231	0·411	0·423	0·698	0·417	0·435	0·328	0·457	0·419	0·161	0·145	0·288	0·289	0·530	8·369	SUMS.
MEANS.	·009	·010	·009	·009	·013	·008	·014	·009	·012	·010	·007	·013	·014	·023	·013	·014	·011	·015	·014	·005	·005	·009	·009	·017	·011	MEANS.

JUNE 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	·01	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·016	1
2	·005	·010	·011	·022	·030	·030	·025	·022	·055	·055	·080	·075	·012	·001	·003	·001	–	–	·020	·019	·010	·010	·011	·003	0·510	2
3	·010	·049	·072	·033	·051	·055	·020	·050	·072	·025	·015	·007	–	·001	–	–	·002	·006	·020	·072	·051	·026	·080	·054	0·771	3
4	·110	·080	·020	·027	·033	·030	–	–	–	–	–	–	·003	–	·004	·008	·010	·002	·011	·001	·008	–	·001	·001	0·349	4
5	·009	–	·044	·060	·090	·085	·110	·010	·010	·011	·030	·115	·030	·001	–	–	–	–	–	–	·005	–	–	–	0·610	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·021	·010	–	–	–	0·031	8
9	–	–	–	–	–	–	–	–	–	–	·011	·090	–	–	–	–	–	–	–	–	–	–	–	–	0·101	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	·007	–	·011	·008	·021	·164	·030	·011	·005	·001	–	–	–	0·258	11
12	–	–	·006	·007	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·010	·008	0·039	12
13	·003	·008	·008	·009	·010	·012	·010	·010	·011	·014	·010	·020	·023	·007	·008	·001	–	–	–	–	·005	–	·001	·003	0·173	13
14	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·015	·005	·060	0·082	17
18	·049	·010	·002	·011	·018	·017	·010	·005	·007	·001	·001	–	·013	·025	·110	·061	·094	·150	·045	·044	·074	·092	·068	·010	0·917	18
19	·010	·019	·004	·003	·009	·011	·004	·005	·002	–	·010	–	·010	·010	·021	·021	·038	·060	·087	·060	·025	·063	·033	·020	0·525	19
20	·090	·132	·100	·004	·018	·020	·005	·006	·007	·007	·038	·160	·060	·080	·006	·002	·004	·009	·025	·072	·025	·009	·009	·003	0·891	20
21	–	·040	·022	·070	·090	·090	·020	·065	·060	·020	·044	·040	·006	·010	·001	·001	·001	·010	·040	·041	·015	·030	·031	·041	0·788	21
22	·012	·004	·011	·009	·020	·033	·020	·010	·009	·010	·007	·010	·008	·020	·032	·102	·093	·110	·006	–	·001	–	–	·008	0·535	22
23	–	·005	–	–	·001	·010	·002	·020	·018	·017	·018	·001	–	–	–	–	–	–	–	–	–	–	–	–	0·092	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·060	0·060	28
29	·011	·005	·008	·001	·006	·001	–	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·035	29
30	–	–	·001	·013	·010	–	·015	·013	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·055	30
31																										31
Sums.	0·313	0·363	0·309	0·269	0·396	0·400	0·241	0·217	0·255	0·161	0·264	0·525	0·165	0·166	0·193	0·218	0·406	0·377	0·265	0·335	0·232	0·253	0·249	0·271	6·843	Sums.
Means.	·010	·012	·010	·009	·013	·013	·008	·007	·008	·005	·009	·018	·006	·006	·006	·007	·014	·013	·009	·011	·008	·008	·008	·009	·010	Means.

JULY 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	·001	·003	·006	·005	·004	–	·007	·010	·007	–	–	–	–	–	–	–	–	–	–	–	0·043	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
3	–	–	–	–	–	–	·002	·006	·006	·010	–	·010	–	·003	·001	·001	–	·008	·011	·005	·012	·020	·006	·010	0·111	3
4	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·004	·005	·006	·001	·003	·001	·009	·008	0·046	4
5	·012	·005	·009	·010	·007	·012	·010	·110	·023	·018	·040	·030	·025	·020	·050	·041	·042	·075	·060	·040	·074	·035	·022	·021	0·791	5
6	·020	·003	·039	·010	·028	·014	·018	·007	·006	–	–	–	–	–	–	·001	·016	·012	·007	·011	·041	·061	·028	·052	0·374	6
7	·042	·120	·069	·048	·050	·054	·040	·070	·095	·100	·120	·148	·050	·020	·017	·005	·006	–	–	–	·001	·006	–	–	1·061	7
8	–	–	·005	·025	·023	·017	·013	·005	·020	·042	·010	·050	·005	·004	·007	·001	·003	·004	–	·002	–	·002	–	·002	0·240	8
9	–	–	–	–	–	–	–	–	–	·002	·008	·009	·009	·010	·015	·002	·009	·013	·010	·007	·008	·006	·005	·002	0·115	9
10	·007	·011	·022	·013	·009	·010	·007	·015	·029	·024	·089	·018	·033	·012	·025	·029	·036	·028	·038	·032	·110	·020	·021	·026	0·664	10
11	·009	·008	·022	·011	·023	·056	·100	·090	·046	·050	·042	·009	·070	·070	·079	·009	·010	·080	·040	·097	·060	·030	·090	·021	1·122	11
12	·032	·013	·007	·005	·003	–	–	·040	·070	·045	·095	·033	·008	·008	·002	–	·001	–	–	–	·060	·008	·001	–	0·431	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	–	·007	·010	·008	·010	·001	–	–	–	–	0·043	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·022	·006	·013	·010	·010	·007	·005	·010	·020	0·103	14
15	·104	·035	·025	·070	·080	·050	·027	·030	·014	·020	·010	·008	·004	·008	·011	·008	·014	·010	·060	·003	·031	·016	·012	·045	0·695	15
16	·013	·002	·021	·020	·029	·019	·012	·013	·020	·006	·007	·007	·024	·060	·038	·092	·080	·130	·085	·091	·026	·019	·014	·030	0·858	16
17	·005	·040	·009	·010	·030	·090	·030	·060	·028	·007	·062	·065	·013	·003	·001	–	–	–	–	–	–	–	–	–	0·453	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·070	·004	·008	–	–	–	–	–	0·089	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	·050	·020	·062	·021	·045	·005	·076	·007	·002	–	0·291	25
26	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	31
SUMS.	0·250	0·237	0·228	0·222	0·283	0·325	0·265	0·451	0·361	0·324	0·490	0·397	0·250	0·226	0·296	0·253	0·369	0·411	0·390	0·305	0·509	0·236	0·220	0·237	7·535	SUMS.
MEANS.	·008	·008	·007	·007	·009	·010	·008	·015	·012	·010	·016	·013	·008	·007	·009	·008	·012	·013	·013	·010	·016	·008	·007	·008	·010	MEANS.

AUGUST 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
3	–	–	–	·005	–	–	–	–	–	–	–	·037	·036	·088	·100	·072	·065	·015	·009	·022	–	·004	·002	·013	0·458	3
4	·001	·003	·002	·008	·001	·014	·003	·015	·002	·006	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	0·060	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·001	·022	·020	·006	·001	–	·003	–	–	0·054	6
7	–	–	–	–	–	–	–	·005	–	–	–	–	–	·001	·001	–	–	–	–	–	–	–	–	–	0·007	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	·001	–	–	–	–	–	–	·007	·095	·020	·080	·071	·080	·028	·061	·190	·065	·132	·140	·040	·039	·072	·011	1·132	9
10	·008	–	–	·009	·004	–	–	·010	·001	–	·011	·117	·095	·260	·137	·343	·276	·118	·075	·019	·006	–	–	–	1·489	10
11	–	·005	·006	·006	·013	·003	·008	·020	·105	·137	·439	·036	·105	·038	·078	·074	·007	·007	–	–	·007	·004	·001	–	1·099	11
12	–	–	·003	–	·020	·017	·003	–	–	–	–	·006	·010	·021	·112	·110	·110	·193	·140	·290	·229	·139	·106	·019	1·528	12
13	·014	·006	·001	·002	–	–	–	·015	–	·001	–	–	–	·003	·008	–	–	–	·019	·019	·021	·007	–	–	0·116	13
14	–	·020	·001	·017	·040	–	·008	–	·014	·033	·056	·003	–	–	·010	·080	·053	·150	·005	·025	–	·006	–	–	0·521	14
15	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·003	15
16	–	–	–	·008	·029	·009	·007	·046	·104	·084	·058	·071	·148	·115	·152	·110	·048	·071	·075	·014	·021	·012	·011	·002	1·195	16
17	·008	–	·001	–	·005	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·017	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	31
SUMS.	0·031	0·035	0·014	0·055	0·112	0·046	0·032	0·111	0·233	0·356	0·589	0·350	0·465	0·607	0·626	0·851	0·771	0·639	0·461	0·530	0·324	0·214	0·192	0·035	7·679	SUMS.
MEANS.	·001	·001	·000	·002	·004	·002	·001	·005	·008	·011	·019	·011	·015	·020	·020	·027	·025	·021	·015	·017	·010	·007	·006	·001	·010	MEANS.

SEPTEMBER 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	·025	·008	·010	·037	·029	·008	·070	·120	·009	0·317	2
3	·002	·007	·001	·001	·001	·002	·006	–	·006	–	–	·027	·131	·017	·001	–	·003	–	·055	–	·007	–	·012	–	0·279	3
4	·004	–	·014	·021	·078	·067	·156	·019	·043	·033	·025	·023	·031	·032	·009	·012	·111	·141	·038	·009	·009	·002	–	–	0·877	4
5	·001	·003	–	–	–	·005	·020	·107	·099	·091	·007	–	–	·013	·009	–	·005	–	·114	·205	·047	·001	·006	·002	0·735	5
6	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·013	·035	–	–	–	–	–	–	0·048	7
8	–	–	–	–	–	–	–	–	–	–	–	·007	·026	·029	·018	·023	·019	·048	·008	·003	–	–	–	–	0·181	8
9	·061	·143	·081	–	–	–	–	–	·013	·040	·023	·082	·132	·220	·057	·085	·044	·030	·076	·094	·220	·217	·209	·091	1·918	9
10	·059	·032	·067	·005	·018	·050	·004	·007	·022	·015	·170	·002	·027	·045	·039	·003	·159	·065	·111	·001	·007	·042	·015	·005	0·970	10
11	·006	·007	·004	·035	·009	·008	·015	·004	·010	·010	·009	·017	·006	·050	–	·002	·008	·003	·050	·024	·010	·006	·001	–	0·294	11
12	·009	·005	·019	·100	·086	·163	·125	·110	·125	·145	·115	·285	·134	·070	·095	·170	·090	·032	·022	·030	·058	·113	·074	·081	2·256	12
13	·010	·051	·040	·098	·090	·036	·267	·070	·075	·023	·013	·007	·068	·015	·109	–	–	–	·015	·009	·039	·061	·102	·160	1·358	13
14	·100	·119	·161	·113	·012	·007	·017	·004	·008	–	·002	–	–	–	–	–	–	–	·005	·022	·013	·017	·007	·010	0·617	14
15	·004	·004	·008	·050	·090	·135	·045	·058	·024	·090	·130	·106	·030	·028	·015	·026	·019	·023	·031	·009	·009	·023	·005	–	0·962	15
16	–	·016	·009	·037	–	·007	·037	·083	·073	·020	·038	·085	·035	·050	·021	·029	·060	·165	·023	·070	·011	·054	·006	·012	0·941	16
17	–	·006	·003	·001	·025	–	–	–	–	–	–	–	–	–	–	·018	–	–	–	–	–	–	–	–	0·053	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	·025	0·055	18
19	·039	·100	·169	·101	·130	·065	·043	·030	·110	·060	·019	·060	·037	·039	·028	·007	·018	·009	·008	–	·004	·003	·009	·007	1·095	19
20	·032	·028	·006	·024	·033	·010	·010	·010	·002	·008	·025	·024	·030	·075	·095	·059	·146	·096	·255	·085	·013	·012	·011	·010	1·099	20
21	·008	·009	·014	·039	·009	·002	·007	–	–	–	–	–	·008	–	·038	·040	·010	·017	·075	·064	·142	·139	·160	·033	0·814	21
22	·060	·038	·032	·010	·055	·043	·056	·078	·055	·055	·028	·018	·027	·023	·029	·067	·060	·035	·045	·049	·049	·067	·108	·249	1·336	22
23	·138	·023	·009	–	·005	·005	–	–	·043	·005	–	–	–	·029	–	–	·045	·006	·010	·010	·005	·004	·012	·030	0·379	23
24	·079	·047	·171	·044	·100	·025	·015	·104	·012	–	–	·070	·045	·043	·027	·010	·095	·050	·090	·080	·028	·012	·005	–	1·152	24
25	–	–	–	·015	·040	·082	·022	·023	·036	·063	·013	·023	–	·008	–	·016	·028	·012	·008	·008	·029	·020	·019	–	0·465	25
26	–	–	·008	·028	·003	·005	·007	·027	·070	·055	·070	–	–	·008	·017	–	–	·010	–	–	–	–	–	–	0·308	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·011	·009	0·025	27
28	·001	–	–	·018	–	·001	·001	·002	–	·003	–	·015	·043	·020	·029	·077	·155	·150	·160	·089	·060	·037	·039	·044	0·944	28
29	·050	·111	·024	·062	·065	·060	·038	–	–	–	·002	–	·066	·023	–	·025	·006	·008	–	–	–	·042	–	–	0·582	29
30	–	·013	·024	·023	·035	·145	·014	·047	·105	·047	·080	·023	–	·023	–	·002	·036	·082	·014	·011	·040	·012	·018	·012	0·806	30
31																										31
SUMS.	0·665	0·762	0·864	0·826	0·884	0·923	0·905	0·783	0·931	0·763	0·769	0·874	0·876	0·860	0·636	0·696	1·138	1·027	1·250	0·901	0·808	0·959	0·979	0·789	20·868	SUMS.
MEANS.	·022	·025	·029	·028	·029	·031	·030	·026	·031	·025	·026	·029	·029	·029	·021	·023	·038	·034	·042	·030	·027	·032	·033	·026	·029	MEANS.

OCTOBER 1885.

Rainfall—Inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·081	·029	·133	·069	·230	·130	·131	·160	·144	·310	·180	·100	·105	·088	·128	·110	·140	·100	·036	·161	–	·019	·011	·070	2·665	1
2	·012	·060	·130	·151	·265	·280	·125	·220	·310	·115	·093	·085	·158	·090	·158	·135	·225	·136	·137	·084	·050	·049	·081	·100	3·249	2
3	·113	·099	·032	·111	·024	·043	·010	·035	·003	·005	·025	·085	·015	·028	·061	·091	·011	·150	·037	·011	·043	·041	·004	·047	1·124	3
4	·052	·007	·010	·024	·017	·046	·009	·010	·023	·009	·019	·135	·105	·043	·093	·112	·029	·010	·006	·009	·031	·011	·040	·008	0·858	4
5	·040	·015	·083	·043	·140	·275	·117	·190	·170	·125	·227	·065	·004	·022	·064	·060	·010	·030	–	·024	·101	·110	·117	·091	2·123	5
6	·051	·125	·042	·040	·075	·128	·020	·013	·045	·043	·060	·110	·155	·086	·007	·050	·043	·003	·001	·007	·010	·011	·013	·025	1·163	6
7	·014	·015	·011	·020	·018	·047	·015	·009	·008	·010	·010	·002	·007	·004	·006	·006	·002	–	–	–	–	·005	–	–	0·209	7
8	–	–	–	·008	·007	·012	·020	·006	·085	·070	·023	·060	·034	·040	·040	·280	·130	·037	·023	·023	·021	·012	–	·002	0·933	8
9	·003	–	–	–	·015	·048	·012	·007	·002	·001	·001	·002	·019	·016	·070	·023	·018	·016	·016	·011	·008	·009	·021	·024	0·342	9
10	·031	·040	·060	·035	·010	·027	·030	·045	·002	·002	·008	·004	·001	–	–	..	–	–	–	–	–	–	–	–	0·295	10
11	–	–	–	–	–	–	–	–	·007	·046	·005	·002	·008	–	-	·058	–	–	·001	–	–	–	–	–	0·127	11
12	–	–	–	..	–	–	–	–	–	–	..	·050	·020	·028	·010	·024	·010	·090	·031	·019	·010	·012	·015	·006	0·325	12
13	·011	·011	·033	·005	·008	·009	·010	·022	·015	·010	·012	·005	·010	·010	·010	·002	·002	–	·006	·003	–	–	–	–	0·194	13
14	·002	·006	·010	·014	·060	·047	·020	·018	·080	·006	·031	–	·013	·001	·020	–	·028	·010	·012	–	·010	–	·010	·001	0·399	14
15	–	–	–	·001	–	·003	–	–	–	–	–	–	–	.-	–	–	–	–	–	–	–	–	–	–	0·004	15
16	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	-	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	-	–	–	–	–	–	–	–	–	–	–	–	·009	·010	·030	·005	–	·010	·004	·011	·011	·026	·010	·029	0·155	25
26	·012	·143	·073	·195	·220	·045	·028	·020	·034	·001	·019	·050	·062	·019	·031	·027	·130	·170	·017	·100	·060	·033	·012	·009	1·510	26
27	·005	·077	·009	·010	·031	·040	·070	·015	·010	·135	·160	·100	·242	061	·062	·038	·058	·113	·201	·215	·131	·179	·210	·097	2·269	27
28	·071	·169	·111	·103	·076	·049	·050	·015	·009	·007	·008	·001	–	·030	·001	·008	·004	·052	·040	·012	–	·019	·006	·011	0·852	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	[·005]	[·005]	[·010]	[·010]	[·010]	[·010]	[·010]	[·005]	[·005]	–	–	–	–	[·005]	[·005]	[·010]	[·010]	·010	·001	0·111	30
31	·012	·015	·005	·005	·006	·008	·015	·004	·007	·005	·001	[·010]	·020	·009	·006	–	–	–	–	–	–	–	–	–	0·128	31
Sums.	0·510	0·811	0·742	0·834	1·202	1·242	0·687	0·799	0·964	0·910	0·892	0·876	0·992	0·590	0·797	1·029	0·840	0·927	0·573	0·695	0·496	0·546	0·560	0·521	19·035	Sums.
Means.	·016	·026	·024	·027	·039	·040	·022	·026	·031	·029	·029	·028	·032	·019	·026	·033	·027	·030	·018	·022	·016	·018	·018	·017	·026	Means.

NOVEMBER 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	·001	001	–	–	·015	·022	·042	·072	·050	·030	·045	·009	·008	·009	·010	·072	·065	·060	·140	·252	·207	·062	1·172	1
2	·161	·041	·138	·122	·128	·105	·022	·002	·010	–	·005	·005	·008	·020	·022	·063	·145	·015	·050	·040	·081	·041	·081	·053	1·358	2
3	·030	·012	·033	·012	·030	·008	·025	·025	·030	·013	·050	·023	·052	·043	·100	·162	·120	·065	·114	·100	·162	·063	·042	·083	1·397	3
4	·041	·050	·007	·020	·007	·065	·050	·015	·020	·100	·038	·010	·132	·012	·010	·022	·045	·006	·092	·062	·071	·013	·010	·001	0·899	4
5	·001	·002	·003	–	–	–	·050	·062	·020	·075	·040	·003	·005	·001	049	·005	·035	·006	·015	·050	–	–	–	–	0·422	5
6	·005	·008	·007	–	–	–	·025	·030	–	·002	–	·007	·022	·039	·002	·052	·014	·085	·050	·091	·035	·072	·010	·030	0·586	6
7	·089	·072	·070	·032	·078	·145	·012	·032	·017	·035	–	·008	–	·003	–	·009	·030	–	–	·010	·001	·019	·002	·035	0·699	7
8	·006	·040	·004	·009	–	·005	–	·030	–	·007	–	·007	–	·002	·001	–	·001	·002	–	–	–	–	–	–	0·114	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	·001	–	–	–	–	–	–	–	–	–	·001	–	·001	–	–	–	–	–	–	–	–	–	–	0·003	12
13	–	·010	·052	·026	·105	·083	·020	·008	·028	·020	·026	·005	·022	·006	·027	·015	·020	·038	·079	·032	·009	·002	·008	·005	0·646	13
14	·021	·019	·004	–	–	–	·033	·007	·006	·045	·027	·017	·005	–	·002	–	–	–	–	–	–	–	–	–	0·186	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
	–	–	–	–	–	–	–	–	001	001	003	002	[·002]	[·004]	–	[·010]	010]	[·006]	[·005]	[·005]	[·002]	[·002]	[·002]	[·002]	0·050	26
27	·006]	·011	·010	·030	·013	–	001	·062	·014	·103	·038	·280	·250	·131	·092	·156	·102	·043	·010	·011	·004	·002	·008	–	1·377	27
28	·001	–	·001	·001	·007	·013	·025	·025	·006	·005	·005	·002	·003	·002	–	–	–	–	·002	·001	–	–	–	–	0·099	28
29	–	–	–	–	–	·005	·001	·001	·001	·001	–	·001	·001	·002	·014	·022	·013	·020	·018	·023	·042	·020	·072	·099	0·356	29
30	·004	·011	·050	·006	·001	·025	·018	·025	·004	·001	·001	·073	·012	·021	·052	·035	·007	·025	·011	·010	·018	·002	·006	·008	0·426	30
31																										31
SUMS.	0·365	0·277	0·381	0·259	0·369	0·454	0·297	0·347	0·199	0·482	0·282	0·472	0·559	0·296	0·379	0·560	0·552	0·383	0·522	0·499	0·567	0·489	0·451	0 381	9·822	SUMS.
MEANS.	·012	·009	·013	·009	·012	·015	·010	·012	·007	·016	·009	·016	·019	·010	·013	·019	·018	·013	·017	·017	·019	·016	·015	·013	·014	MEANS.

DECEMBER 1885.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·004	·007	·129	·010	·006	–	–	·013	·005	·020	·002	–	·020	·001	·001	·119	·130	·014	·019	·008	·070	·036	·010	·030	0·654	1
2	·010	·008	·015	·020	·015	·040	·015	·010	·025	·042	·050	·105	[·050]	[·050]	[·050]	·060	·043	·007	·008	·010	·002	·005	·004	·008	0·652	2
3	·002	·002	·007	·005	·004	·001	–	·001	·024	·007	·006	·004	·002	·004	·003	·001	·001	·084	·020	[·300]	·711	·281	·309	·231	2·010	3
4	·728	·382	·323	·440	·060	·435	·117	·070	·055	·056	·035	·051	·016	·007	·002	·003	·001	·001	·001	·002	–	·004	[·002]	·003	2·794	4
5	·002	·002	·001	–	–	·001	·002	·001	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	0·002	7
8	–	–	–	–	–	–	–	–	·001	·002	·002	·008	·002	·001	–	–	–	–	–	–	–	–	–	–	–	8
9	·001	·001	·004	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	0·027	9
10	–	–	–	–	–	–	–	–	·006	·005	·012	·035	·059	·041	·041	·029	·073	·013	·001	·021	·014	·069	·060	·032	0·513	10
11	–	–	–	–	–	·002	–	–	·050	·057	·390	·675	·622	·364	·313	·157	·185	·322	·184	·270	·321	·269	·199	·042	5·340	11
12	·065	·090	·082	·056	·200	·152	·145	·130	·190	·250	·228	·265	·205	·300	·222	·150	·162	·135	·152	·142	·162	·181	·120	·122	3·517	12
13	·074	·140	·079	·054	·068	·012	·010	·094	·001	·003	·018	·010	·040	·083	·058	·124	·122	·086	·072	·060	·007	·029	·008	·006	0·846	13
14	·074	·013	·005	·020	·002	·003	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·041	14
15	·024	·006	·004	·003	·001	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	·003	·132	·072	·110	·156	·061	·100	·065	·033	·098	·015	·022	·115	·185	·173	·125	·058	·027	·017	·004	·002	·001	·002	·003	1·579	16
17	·003	·007	·005	·006	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·023	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·052	20
21	–	–	–	–	–	–	–	–	–	–	·001	·035	·056	·008	·031	·025	·006	·005	·007	·061	·009	·003	·001	·003	0·251	21
22	·002	·003	·001	·001	·001	·006	·002	–	·001	–	–	·003	·002	·001	·002	·001	·003	·009	·008	·002	·006	·004	·020	·010	0·073	23
23	–	–	–	–	–	–	–	·001	–	–	·001	·004	·002	·005	·002	·001	·001		·002	·001	–	–	·001	–	0·421	25
24	·029	·030	·031	·020	·045	·006	·015	·018	·012	·008	·008	·004	·002	·001	·001	–	–	–	·001	·001	·002	·004	·002	·010	0·029	26
25	·005	·008	·010	·011	·020	·028	·035	·070	·097	·105	·026	·001	–	–	–	–	·001	·001	·001	·001	·001	·002	·004	·002	·010	26
26	·001	–	·001	·001	–	·003	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	·001	·001	·002	·004	·002	·010	26
27	·009	·018	·021	·060	·042	·049	·050	·007	·035	·037	·065	·104	·182	·099	·070	·133	·096	·091	·085	·081	·064	·059	·045	·060	0·060	27
28	·058	·049	·031	·008	·007	·015	·030	·398	·145	·170	·338	·005	·005	·017	·006	·017	·003	·006	·005	·021	·008	·028	·012	·010	1·392	28
29	·010	·008	·006	·004	·009	·002	·001	·001	·005	·004	·001	–	·001	·003	·002	·001	–	·002	–	–	–	–	–	–	1·059	29
30	–	·001	–	–	–	–	–	–	·009	·002	·002	·008	·008	·042	·102	·105	·118	·075	·099	·090	·111	·180	·057	·050	1·163	30
31	·066	·021	·020	·059	·025	·048	·060	·030	·034	·063	·050	·009	·022	·009	·003	·009	·015	·026	·095	·130	·060	·090	·139	·080	1·163	31
Sums.	1·170	0·928	0·847	0·891	0·663	0·866	0·584	0·910	0·728	0·929	1·251	1·344	1·419	1·226	1·089	1·069	1·037	0·907	0·778	1·206	1·549	1·243	0·992	0·701	24·327	Sums.
Means.	·038	·030	·027	·029	·021	·028	·019	·029	·023	·030	·040	·043	·046	·040	·035	·034	·033	·029	·025	·039	·050	·040	·032	·023	·033	Means.

JANUARY 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·089	·170	·230	·191	·230	·255	·275	·200	·180	·315	·225	·217	·155	·141	·247	·122	·200	·234	·137	·071	·089	·193	·152	·127	4·445	1
2	·112	·003	·022	·043	·015	·055	·022	·023	·135	·020	·026	·144	·060	·012	·002	·005	–	·013	–	·001	·011	·002	·001	–	0·727	2
3	–	–	–	·001	·006	·105	·040	·085	·106	·170	·165	·180	·217	·210	·130	·185	·155	·025	·035	·011	·007	·007	·005	·006	1·851	3
4	·002	·011	·031	·011	·006	·022	·010	·005	·045	·017	·007	·015	·032	·010	·010	·005	·045	·006	·004	·009	·004	·005	·006	·010	0·328	4
5	·040	·019	·010	·018	·005	·038	·050	·046	·009	·004	·005	·010	·008	–	–	–	–	–	–	–	–	..	–	–	0·262	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	·002	·020	·013	·003	·008	·009	·012	·010	·011	·036	·081	·030	·011	·010	·007	·005	0·268	7
8	·004	·007	·010	·002	·008	·004	·002	·004	·006	·005	·002	·005	·005	·002	–	·002	·002	·001	·002	·001	·001	·001	–	·001	0·077	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	0·001	9
10	–	–	–	–	–	·018	·015	·024	·040	·035	·028	·020	·003	·004	·009	·003	·001	·001	–	·001	–	·008	·009	·010	0·229	10
11	·038	·008	·001	·002	–	·003	·003	·003	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·062	11
12	–	–	–	–	–	·002	·002	·012	·022	·015	·020	·042	·030	·022	·024	·015	·007	·002	–	–	–	·001	·005	·020	0·241	12
13	·172	·040	·110	·040	·040	·009	·003	·003	·001	·004	·001	·009	·004	·005	·003	·015	·002	·008	·010	·002	–	–	–	–	0·481	13
14	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·004	·030	·020	·091	·071	·153	·269	·267	·239	·112	1·258	14
15	·180	·031	·050	·010	·020	·025	·026	·019	·005	·007	·010	·007	·007	·004	·009	·015	·015	·004	·003	·007	·001	·041	·022	·029	0·547	15
16	·025	·006	·003	·010	·009	·008	·030	·045	·025	·022	·025	·005	·005	·002	·007	·001	·003	·002	·009	·005	·002	·012	·008	·032	0·301	16
17	·051	·020	–	–	·165	·053	·025	·002	·005	·002	·017	·030	·002	·005	·003	·025	·020	·016	·005	·016	–	·001	..	–	0·463	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·009	·001	·010	·008	·005	·004	·003	–	–	–	0·044	19
20	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	20
21	–	–	–	–	–	–	–	–	–	–	–	·002	·002	–	–	–	–	·001	·002	·001	–	–	–	–	0·008	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	·001	–	–	·001	–	–	–	·001	·001	·001	·001	·001	·001	·002	·001	·002	·001	·001	–	–	–	–	·002	0·017	24
25	·001	·002	–	–	–	·002	·001	–	·001	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	0·009	25
26	–	–	·001	–	–	–	–	·004	002	–	–	–	–	–	·001	–	–	–	–	–	–	·001	–	·001	0·010	26
27	–	–	·001	·001	·001	–	·001	·001	·001	–	–	–	–	–	·001	–	–	–	–	·001	·002	·001	·001	–	0·012	27
28	·001	–	·001	–	–	–	–	–	–	·005	–	–	–	–	–	–	·001	–	·001	·001	–	·002	·001	–	0·013	28
2	·002	·001	·001	·001	·001	·002	–		·001	·002	·002	·002	·001	·001	·001	–	·010	·038	·036	·090	·034	·011	·007	·002	0·246	29
0	–	–	–	–	·001	·020	·004	·060	·008	·007	·002	[·005]	[·005]	[·005]	·004	·006	·005	·011	·001	·027	–	·010	·007	·030	0·218	30
3	·002	·003	·015	·009	·002	·047	·025	·045	025	·070	·023	·008	·052	·007	·059	·007	·013	·005	·004	·010	·121	·083	·005	·001	0·641	31
SUMS.	0·719	0·322	0 486	0·339	0·510	0·668	0·534	0·582	0·622	0·723	0·572	0·705	0·598	0·447	0·537	0·448	0·523	0·503	0·407	0·441	0·555	0·656	0·475	0·388	12·760	SUMS.
MEANS.	·023	010	016	·011	·016	·022	·017	·019	·020	·023	·018	·023	·019	·014	·017	·014	·017	·016	·013	·014	·018	·021	·015	·013	·017	MEANS.

FEBRUARY 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	·010	–	·002	·003	–	·001	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	0·026	1
2	·005	·006	–	–	–	–	–	–	–	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·014	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·001	–	·001	–	·002	0·006	5
6	–	·001	·001	–	–	·001	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·009	·002	0·017	6
7	·011	·001	·020	·002	·009	·002	·003	·002	·002	·001	·001	·003	·001	·002	·004	·001	·002	·001	·002	·006	·004	·002	·001	·010	0·093	7
8	·009	·003	·001	·002	·002	·002	·001	–	·001	·001	–	·001	·002	·002	·003	·003	·004	·014	·006	·006	·010	·008	·005	·006	0·092	8
9	·012	·026	·042	·030	·009	·015	·015	·074	·015	·025	·018	·024	·008	·009	·020	·008	·015	·008	·020	·041	·042	·041	·034	·053	0·604	9
10	·119	·161	·029	·011	·020	·005	·002	·007	–	–	–	–	–	–	·030	·025	·020	·002	·002	·001	·001	–	·001	·005	0·441	10
11	·001	·002	–	–	–	–	–	·001	·001	–	–	·001	–	·001	–	–	–	–	·001	·003	·002	·004	·007	·018	0·042	11
12	·009	·045	·020	·031	·030	·008	·002	·001	·002	·001	·002	[·005]	·007	·006	·008	·003	·040	·017	·012	·039	·020	·007	·009	·020	0·344	12
13	·010	·030	·068	·031	·109	·035	·011	·008	·027	·022	·102	·020	·031	·024	·020	[·012]	·006	·015	·021	·030	·020	·012	·011	·020	0·695	13
14	·020	·009	·011	·005	·010	·002	·005	·010	·030	·010	·010	·002	·004	·003	·004	·030	·028	·003	·004	·002	·010	–		–	0·212	14
15	·011	·006	·008	·010	·001	·001	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·038	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	·001	·001	0·004	18
19	·001	–	·001	–	–	–	·001	·001	·002	·001	–	–	·002	–	·002	–	–	–	–	–	–	–	–	–	0·011	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	·009	·020	·004	–	·002	·001	0·038	20
21	·002	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	·001	0·006	21
22	·001	·011	·029	·031	·013	·010	·009	·005	·002	–	·002	–	·008	·004	·008	·005	·004	·009	·002	·001	–	·002	–	–	0·156	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	·002	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	·001	–	–	·001	–	0·006	28
29																										29
30																										30
31																										31
SUMS.	0·213	0·301	0·241	0·154	0·205	0·084	0·049	0·110	0·083	0·063	0·137	0·056	0·063	0·052	0·100	0·087	0·122	0·070	0·080	0·161	0·114	0·080	0·081	0·139	2·845	SUMS.
MEANS.	·008	·011	·009	·006	·007	·003	·002	·004	·003	·002	·005	·002	·002	·002	·004	·003	·004	·002	·003	·005	·004	·003	·003	·005	·004	MEANS.

MARCH 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	·001	–	–	–	·001	–	–	–	–	–	–	–	·002	·006	·003	·007	·007	·004	·005	·003	·002	·001	·001	0·043	1
2	·002	·005	·009	·004	·003	·003	·005	·006	·007	·003	·004	·004	·003	·003	·008	·006	·003	·002	·007	·006	·004	·005	·003	–	0·105	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·001	·002	–	–	–	–	–	–	0·007	3
4	–	–	–	–	·001	·008	·009	·025	·030	·055	·030	·004	·032	·013	·001	–	·003	·003	–	–	–	–	–	–	0·214	4
5	–	–	–	–	–	–	–	–	–	·007	·007	·011	–	·012	·010	–	–	·005	·002	·001	·003	–	–	–	0·058	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	·001	–	·001	–	·001	–	–	–	–	–	0·004	15
16	–	–	–	·001	–	–	–	–	–	–	–	–	·007	·006	·008	·001	·001	–	·006	·007	·008	·002	·002	–	0·049	16
17	–	–	·001	–	–	–	–	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005	17
18	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·003	–	·001	–	·001	–	·001	·001	·003	–	·002	0·014	18
19	·009	·001	·002	–	–	–	·002	·001	–	–	·002	–	·001	·009	·008	·001	·002	·001	·005	·002	·003	·009	·004	·005	0·067	19
20	·021	·010	·005	·009	·002	·001	–	–	–	–	–	–	·018	·008	·010	·009	·001	·030	·055	·012	·012	·007	·003	–	0·213	20
21	–	·001	·020	·014	·035	·030	·008	·009	·035	·007	·004	·001	·001	·009	·008	·015	·005	·005	·012	·011	·019	·029	·012	·020	0·310	21
22	·010	·012	·040	·030	·056	·010	·008	·005	·007	·002	–	–	–	–	–	–	–	–	–	–	·261	·072	·021	·012	0·546	22
23	·009	·008	·004	·002	·002	–	–	·004	·025	·002	–	–	–	–	·018	·028	·003	·030	·040	·111	·082	·032	·044	·009	0·453	23
24	·007	·006	·008	·007	·005	·004	·006	·006	·005	·020	·040	·040	·003	·007	·001	·001	–	–	–	·001	·002	·002	·003	·001	0·175	24
25	·001	·006	·002	·001	·004	·003	·008	·005	·006	·008	·009	·007	·005	·006	·002	·100	·002	·004	·004	·010	·002	·040	·030	·021	0·286	25
26	·025	·041	·018	·011	·036	·070	·020	·020	·015	·060	·032	·008	·008	·051	·033	·049	·087	·120	·111	·012	·020	·041	·029	·099	1·016	26
27	·162	·059	·055	·052	·001	·005	·002	–	·010	–	·008	–	·008	·007	·001	·030	·002	·020	·021	·006	·006	·007	·009	·039	0·510	27
28	·002	·142	·001	·003	·003	·063	–	·002	·001	·003	·001	·001	–	·003	·001	–	·001	–	–	–	–	·007	·009	·005	0·248	28
29	·010	·008	·002	·001	·060	·089	·008	·003	·024	·085	.015	·002	·080	·009	·010	·008	·045	·030	·090	·072	·049	·009	·008	·030	0·747	29
30	·042	·029	·052	·030	·015	·005	·005	·001	–	·001	·001	·001	[·015]	[·015]	[·020]	[·025]	[·025]	·033	·070	·070	·020	·006	·003	·009	0·493	30
31	·020	·002	·003	–	·007	·040	·105	·090	·003	·008	·003	·002	·009	·004	·006	·001	·025	–	–	–	·003	·015	·002	·003	0·351	31
Sums.	0·320	0·331	0·222	0·165	0·230	0·332	0·187	0·178	0·169	0·262	0·157	0·082	0·191	0·167	0·152	0·282	0·214	0·293	0·428	0·327	0·498	0·288	0·183	0·256	5·914	Sums.
Means.	·010	·011	·007	·005	·007	·011	·006	·006	·005	·008	·005	·003	·006	·005	·005	·009	·007	·009	·014	·011	·016	·009	·006	·008	·008	Means.

APRIL 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·003	·004	–	–	·002	·004	·009	·015	·025	·015	·009	·030	·020	·012	–	–	–	[·015]	[·025]	[·010]	–	–	–	–	0·198	1
2	–	–	–	–	–	–	–	[·010]	[·010]	·003	–	–	–	–	–	·002	·008	·004	·010	·010	·009	·008	·004	·009	0·087	2
3	·006	·001	·002	–	·007	·001	·005	·005	·003	[·005]	·002	[·003]	·002	·019	–	·001	·001	·009	[·003]	[·002]	[·001]	[·001]	[·001]	[·004]	0·084	3
4	[·005]	[·005]	[·005]	[·005]	·065	·080	·100	·015	·008	·017	·010	·040	·030	·008	·009	–	·001	·007	·010	·020	·050	·019	·006	·006	0·521	4
5	·009	·032	·009	·030	·015	·012	·013	·115	·033	·070	·073	·115	·091	·110	·008	·035	·001	·006	·008	·009	·008	·134	·031	·050	1·017	5
6	·031	·058	·022	·041	·070	·040	·050	·065	·100	·025	·032	·075	·032	·031	·012	·003	·023	·001	·007	·008	·020	·020	·010	·006	0·782	6
7	·021	·058	·010	·006	·002	–	–	–	–	–	–	–	–	–	–	[·005]	[·005]	[·005]	[·010]	[·010]	[·010]	[·015]	[·020]	[·020]	0·197	7
8	[·030]	[·030]	[·040]	·041	·013	·035	·030	·025	·009	·010	·023	·008	·007	·010	·031	·004	·002	·003	·008	·009	·008	·011	·011	·010	0·408	8
9	·019	·049	·011	·050	·034	·015	·110	·065	·055	·010	·060	·018	·008	·060	·010	·003	·001	·006	·004	·002	·001	–	·001	–	0·592	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	·015	·008	·005	·002	·008	–	–	–	–	–	·002	·002	·003	·001	·001	0·047	13.
14	–	–	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002	14
15	–	–	–	·010	·001	·003	–	–	–	–	·007	·001	·008	·001	·001	–	–	–	–	·001	–	–	–	–	0·033	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	·008	·024	·005	·018	·008	–	·008	·001	–	–	–	–	0·072	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·004	·003	–	–	–	–	–	–	–	0·016	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	·006	·003	–	–	–	·002	·001	·004	·010	·001	·021	·075	·170	·045	·007	·008	·007	–	·010	0·370	27
28	·013	·003	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·020	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	–	–	·015	–	·015	·010	·034	·008	·005	·022	·025	·002	·001	–	·010	–	–	–	–	0·147	30
31																										31
SUMS.	0·137	0·240	0·102	0·186	0·209	0·196	0·320	0·330	0·243	0·185	0·236	0·330	0·220	0·298	0·108	0·121	0·130	0·227	0·138	0·101	0·117	0·218	0·085	0·116	4·593	SUMS.
MEANS.	·005	·008	·003	·006	·007	·007	·011	·011	·008	·006	·008	·011	·007	·010	·004	·004	·004	·008	·005	·003	·004	·007	·003	·004	·006	MEANS.

MAY 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·002	0·007	2
3	·004	–	·001	–	·020	·005	·002	·006	·006	·002	–	·001	·001	·001	–	–	–	–	–	–	–	·001	·002	·001	0·053	3
4	–	·001	–	–	–	–	–	–	–	·001	·008	·006	·007	·004	·001	·044	·008	·002	·004	·005	·004	–	·003	·002	0·100	4
5	·002	·002	–	·003	·003	·003	·001	·001	–	·001	·001	..	–	·001	·008	·039	·020	·030	·040	·041	·030	·025	·013	·007	0·271	5
6	·005	·006	·003	·001	·003	·004	–	·001	·003	·006	–	·001	·001	·002	·009	·001	–	–	–	–	–	–	–	–	0·046	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·007	·001	–	–	–	–	0·010	7
8	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	8
9	–	–	–	–	–	–	–	–	–	–	·001	·010	·011	·002	·008	·010	·023	·006	·006	·003	·006	·012	·002	–	0·100	9
10	–	·001	·005	·003	·006	·008	·001	·032	·012	·001	·001	·001	·001	·001	–	–	–	–	–	·001	·003	·002	–	–	0·079	10
11	–	–	–	–	–	–	–	–	–	..	–	–	..	–	·001	–	–	–	–	–	–	..	–	–	0·001	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	[·010]	[·005]	–	–	–	..	–	–	–	–	–	[·002]	[·003]	–	-	–	–	[·010]	[·010]	[·010]	0·050	13
14	·001	·005	·007	–	·001	–	–	·001	–	–	–	–	–	–	–	–	–	–	·007	·006	·002	·008	·005	·008	0·051	14
15	·005	·004	·009	·010	·007	·008	·006	·003	·003	·002	·001	·001	–	·005	·001	–	–	·005	·002	·001	–	–	–	–	0·073	15
16	–	–	–	–	–	–	–	–	–	·001	–	·001	·009	·020	·050	·050	·007	·002	·002	·003	·008	·099	·010	·012	0·274	16
17	·012	·005	·004	·003	·005	·001	·001	·002	·005	·002	·001	·001	·002	·001	–	·002	–	–	·003	·031	·042	·009	·002	·007	0·141	17
18	·010	·041	·121	·439	·080	·090	·105	·095	·105	·075	·115	·005	·004	·006	·002	·005	·002	·008	·039	·051	·103	·132	·202	·104	1·939	18
19	·008	·060	·010	·007	·010	·008	·035	·070	·008	·010	·035	·015	·009	·032	·065	·034	·048	·006	·020	·008	·005	·001	–	–	0·504	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·009	·002	·007	·001	·003	·010	·009	0·041	20
21	·010	·010	·010	·008	·003	·001	·001	·003	·001	·002	–	–	–	·004	–	–	–	–	–	–	–	–	–	–	0·053	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	–	·011	·015	0·030	23
24	·027	·010	·009	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·048	24
25	–	·003	·002	·002	–	–	·025	·010	·008	·025	·046	·071	·065	·010	·010	·008	·010	·076	·081	·092	·070	·022	·020	·071	0·727	25
26	·042	·009	–	·010	·014	·002	·020	·020	·001	·004	·001	·013	·004	·006	·001	–	–	–	–	–	–	–	–	–	0·147	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·009	·008	·007	·005	0·035	27
28	·030	·013	·012	·006	·003	·002	·002	·021	·007	·010	..	·002	·003	·002	·008	·132	·090	·140	·039	·130	·040	·010	·011	·009	0·722	28
29	·002	·002	·003	–	–	–	–	–	–	–	–	·002	–	·072	·144	·061	·057	·027	·011	·009	·004	·001	–	·002	0·397	29
30	–	–	·001	–	–	·024	·017	·016	·003	·007	·003	·005	·015	·022	·009	·027	·003	–	·007	·022	·008	·055	·068	·026	0·338	30
31	·007	–	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010	31
Sums.	0·165	0·172	0·198	0·495	0·166	0·161	0·216	0·281	0·163	0·149	0·213	0·135	0·132	0·191	0·317	0·415	0·271	0·313	0·270	0·417	0·339	0·398	0·381	0·290	6·248	Sums.
Means.	·005	·006	·006	·016	·005	·005	·007	·009	·005	·005	·007	·004	·004	·006	·010	·013	·009	·010	·009	·013	·011	·013	·012	·009	·008	Means.

JUNE 1886.

Rainfall—Inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	–	–	–	–	–	–	–	·015	–	·008	·001	·001	–	–	–	–	–	–	–	–	0·025	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·003	·037	·030	·006	·009	·003	·002	0·093	5
6	·002	·009	·010	·004	·011	·008	·002	·002	–	–	–	·002	–	·005	·009	·008	·018	·011	·014	·010	·010	·011	·006	·008	0·160	6
7	·012	·008	·012	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·034	7
8	–	–	–	·001	·001	·001	·002	–	–	–	–	·003	·016	·010	·016	·020	·033	·007	·002	–	–	–	–	–	0·112	8
9	–	–	–	–	·001	–	–	·008	·004	·002	·001	–	·001	–	–	–	–	–	–	–	–	·001	–	·002	0·020	9
10	–	–	·001	–	·001	·001	–	–	–	–	–	–	–	·001	·010	·001	·001	·001	·004	–	·004	·008	·011	·006	0·050	10
11	·005	·008	·006	·005	·001	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	·073	·012	0·111	11
12	·002	–	·001	·001	·115	·186	·025	·002	·002	·046	·037	·005	·014	·007	·055	·013	·013	·004	·095	·047	·049	·120	·005	·002	0·846	12
13	·001	·001	·010	·002	·008	–	–	–	–	–	–	·001	·001	·004	·020	·050	·076	·050	·048	·004	·003	·004	·002	·003	0·288	13
14	·002	·002	·001	–	–	–	–	–	–	·020	·045	·030	·138	·112	·276	·085	·004	·003	·045	·110	·215	·003	·095	·310	1·496	14
15	·165	·122	·074	·060	·076	·178	·217	·078	·097	·048	·025	·002	·001	·015	·077	·004	·001	·051	·010	·030	·006	·007	·001	·005	1·350	15
16	·002	·002	·002	·001	–	–	·021	·006	·008	·068	·008	·006	–	–	·001	·002	–	–	–	–	·002	·001	–	–	0·130	16
17	·001	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040	·060	·023	·007	·010	·007	·002	·003	0·152	21
22	·003	–	–	–	–	–	–	–	–	·015	·066	·013	·003	–	–	·001	–	–	–	–	·003	·002	·002	–	0·108	22
23	–	–	–	·020	·036	·026	·010	·023	·025	·090	·053	·210	·066	·098	·115	·005	·092	·168	·098	·040	·063	·025	·020	·035	1·318	23
24	·010	·007	·005	·083	·003	–	–	·020	–	–	·013	·048	·028	·026	·060	·080	·010	·004	–	·003	·013	·004	·003	·002	0·422	24
25	·003	–	–	–	–	–	–	·065	·010	·041	·048	·050	·005	·009	·004	–	·026	·011	·044	·002	·031	·002	·016	·060	0·427	25
26	·047	·009	·004	·001	·001	·002	·003	·008	·055	·032	·034	·009	·020	·013	·008	·006	–	·001	–	·002	·001	·001	·001	·007	0·265	26
27	–	·001	–	–	·001	·023	·002	·010	·002	·002	·008	·003	–	·002	·002	–	–	–	–	–	–	–	–	–	0·056	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	·006	·004	·005	·003	·006	·008	0·057	28
29	·002	·005	·008	·007	·008	·013	·007	·003	·002	·002	–	–	–	–	–	·003	·008	·001	·001	–	·001	–	–	–	0·076	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31																										31
Sums.	0·257	0·179	0·134	0·186	0·264	0·438	0·289	0·225	0·205	0·366	0·338	0·397	0·293	0·310	0·654	0·284	0·325	0·401	0·427	0·289	0·422	0·208	0·246	0·465	7·602	Sums.
Means.	·009	·006	·004	·006	·009	·015	·010	·018	·007	·012	·011	·013	·010	·010	·022	·009	·011	·013	·014	·010	·014	·007	·008	·016	·010	Means.

JULY 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·003	0·013	1
2	–	–	·001	–	–	–	–	–	–	–	·001	–	–	–	–	·010	–	·002	–	·008	·008	·009	·001	·008	0·048	2
3	·003	·007	·009	·010	·003	·009	·022	·003	·002	·002	·002	·001	–	·002	·002	–	–	–	–	–	–	–	–	–	0·077	3
4	–	–	–	–	–	–	–	–	–	·001	·003	·002	·001	·009	·010	·001	·001	–	–	·001	–	–	–	–	0·029	4
5	–	–	–	–	–	–	–	–	–	·007	·001	·003	·015	·009	·002	·011	·002	·010	·050	·019	·008	·009	·016	·054	0·216	5
6	·134	·020	·060	·216	·288	·221	·067	·023	·002	–	·001	·001	·001	–	·001	–	–	·001	–	–	–	·002	·055	·009	1·102	6
7	·005	·002	·006	·029	·006	·012	·076	·004	·095	·024	·037	·055	·033	·008	·046	·008	·001	·001	·003	·002	·005	·003	·002	·054	0·517	7
8	·003	·004	·007	·009	·048	·001	·006	–	·007	·001	–	–	·002	–	·002	–	–	–	–	–	·001	–	–	–	0·091	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·098	·070	·007	·010	·032	·011	·003	·001	0·232	9
10	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·062	·034	·006	·008	·011	·030	·010	·011	0·173	10
11	·009	·061	·013	·037	·123	·045	·201	·116	·037	·087	·115	·205	·074	·030	·009	·008	·010	·048	·016	·019	·030	·005	·002	·005	1·305	11
12	·007	·025	·054	·181	·005	·004	·069	·038	·043	·008	·015	·080	·004	·050	·036	·142	·056	·075	·067	·009	·016	·020	·039	·008	1·031	12
13	·080	·020	·022	·025	·005	·066	·052	·063	·007	·016	·002	–	·001	·004	·003	·002	·002	·029	·028	·040	·026	·020	·022	·059	0·594	13
14	·072	·173	·152	·037	·074	·061	·013	·009	·001	·007	·002	·015	·002	·002	·001	–	·007	·022	·006	·016	·007	·012	·007	·002	0·700	14
15	·020	·002	·011	·045	·012	·002	·040	·026	·020	·035	·001	·001	·007	·008	·008	·002	·002	·001	·002	·003	·004	·005	·029	·070	0·356	15
16	·065	·018	·033	·002	·025	–	–	–	·001	–	·001	·001	–	·068	·007	·008	·001	001	–	–	–	–	·001	–	0·232	16
17	·001	·009	·004	·005	–	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·021	17
18	–	–	–	–	–	·002	·005	·006	·006	·123	·115	·120	·055	·005	·012	·001	·002	·002	·001	·006	·003	·001	·002	·002	0·469	18
19	·023	·051	·049	·082	·014	·024	·056	·010	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·313	19
20	–	–	–	·015	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	·004	·005	·001	–	·001	0·028	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·050	·014	·016	·008	·001	·001	·001	0·093	21
22	–	·001	·250	–	·008	–	–	·003	·006	·010	·035	·120	·009	·002	·003	–	·036	–	·007	·037	·093	·176	·152	·112	1·060	22
23	·139	·070	·030	·153	·255	·105	·025	·014	·085	·060	·005	·002	·064	·242	·092	·002	–	·001	–	–	–	–	–	·016	1·360	23
24	·003	·010	·002	·002	–	–	–	–	–	–	–	–	·040	·024	·059	·074	·006	·026	·012	·022	·006	·001	·001	–	0·288	24
25	·002	·006	·001	·001	–	–	–	–	–	–	–	–	–	·023	·027	·007	·002	·001	–	–	–	·002	·001	–	0·073	25
26	–	–	–	–	–	–	·001	–	·001	–	–	·007	·002	·018	·009	·020	·007	·015	·006	·003	·006	·001	·001	–	0·097	26
27	–	·001	·001	–	–	·012	·030	·001	·003	·001	·036	·035	·088	·009	·028	·010	·004	·001	·001	–	·001	–	·001	·003	0·266	27
28	·001	·002	·002	–	·001	·003	·008	·001	·001	·001	·008	·002	·002	–	·001	·005	–	·001	–	·001	–	–	–	–	0·040	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	·001	–	·001	–	·002	·002	·001	0·012	29
30	–	–	–	·001	·012	·003	·002	·001	·003	·001	·002	–	·001	–	–	–	–	–	–	–	–	–	–	–	0·025	30
31	–	–	–	–	–	–	–	–	–	–	–	–	·070	–	·020	–	–	–	–	·017	·021	–	·001	–	0·129	31
SUMS.	0·568	0·482	0·707	0·850	0·879	0·571	0·676	0·318	0·324	0·384	0·382	0·650	0·471	0·513	0·378	0·316	0·281	0·392	0·226	0·242	0·291	0·311	0·359	0·420	10·990	SUMS.
MEANS.	·018	·016	·023	·027	·028	·018	·022	·010	·010	·012	·012	·021	·015	·017	·012	·010	·009	·013	·007	·008	·009	·010	·012	·014	·015	MEANS.

AUGUST 1886.

Rainfall—Inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·021	·023	·018	·009	·001	·001	–	–	·002	·013	–	·001	·001	·048	–	·004	·049	·060	·002	·002	·010	·019	·002	·002	0·288	1
2	·010	·010	·003	·003	·005	·015	·002	·006	·002	·007	·007	·034	·011	·060	·002	·008	·001	·008	·035	·044	·001	·001	–	–	0·275	2
3	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·028	–	·008	·027	·018	·004	·006	·005	·004	·001	0·108	5
6	·001	·001	–	–	–	–	–	–	–	·007	·045	·006	–	·003	–	–	–	–	–	–	–	–	–	–	0·063	6
7	–	·006	·049	·020	·180	·055	·046	·029	·007	·010	·022	·010	–	·090	·067	·059	·004	·018	·008	·001	·010	·006	·012	·100	0·809	7
8	·010	·082	·150	·049	·013	·060	·045	·090	·006	·006	·004	·035	·002	·003	·064	·102	·004	·008	·033	·120	·020	·026	·004	·008	0·944	8
9	·080	·001	·003	·002	·008	·003	·007	·008	·002	–	·001	·006	–	·002	–	–	·010	·060	·027	·004	–	·001	·001	–	0·226	9
10	–	·001	·001	–	·009	–	·001	–	–	–	–	–	–	–	·040	·043	·061	·005	·025	·092	·057	·012	·081	·079	0·507	10
11	·064	–	·008	–	–	·003	–	·001	–	·009	·005	·001	·027	–	·003	·005	·001	·001	–	·004	–	·042	·038	·043	0·255	11
12	·025	·047	·009	·006	·001	·001	·008	·090	·055	·012	·044	·030	·025	·002	–	–	·002	·010	·001	·011	·010	·004	–	·002	0·395	12
13	·004	·003	·010	·007	·017	·005	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·048	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	·004	·025	·017	·047	·112	·081	·072	·031	·007	·008	·008	–	·002	–	–	0·414	15
16	–	–	–	·003	·126	·100	·031	·110	·112	·175	·057	·006	·008	·040	·105	·070	·099	·129	·005	·031	·010	·002	·004	·006	1·229	16
17	·001	–	·001	·039	·006	·005	·005	·017	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·075	17
18	–	–	–	–	–	–	·008	·005	–	·001	–	·001	·019	·001	·003	·001	·031	·179	·171	·070	·120	·013	·006	·004	0·633	18
19	·002	·003	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010	19
20	–	–	–	–	·001	–	·001	·003	·007	·002	–	–	·001	·070	·170	·219	·048	·001	–	·001	·002	·004	·004	·003	0·537	20
21	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	0·001	21
22	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	·016	·050	·004	·001	–	·001	·001	·006	·008	·009	·007	·008	·040	·020	·007	·006	·020	·010	·006	·010	·011	·007	·002	0·250	24
25	·001	·005	·007	·044	·039	·010	·005	·007	·008	·010	·020	·002	·004	·004	·004	·010	·007	·059	·050	·051	·022	·053	·038	·028	0·488	25
26	·023	·030	·059	·008	·004	·002	–	–	–	·001	·008	·008	·043	·064	·061	·039	·008	·009	·003	·006	·001	·008	–	–	0·385	26
27	·001	·002	–	·009	–	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	·002	–	·001	·001	0·020	27
28	–	–	·001	·003	·010	·212	·064	·039	·049	·057	·002	–	–	·004	·012	·054	·063	·094	·090	·018	·062	·030	·005	·003	0·872	28
29	·002	·002	–	·001	–	–	–	–	–	·004	–	·006	·003	·009	·019	·008	·002	·004	·003	·001	·001	·009	·005	·004	0·083	29
30	–	–	–	–	·001	·001	·002	·008	·003	–	–	–	·003	–	–	–	·001	–	–	–	·015	·001	·001	–	0·036	30
31	·009	·166	·254	·189	·200	·178	·100	·050	·025	·032	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	1·206	31
Sums.	0·254	0·398	0·628	0·399	0·622	0·652	0·329	0·465	0·287	0·358	0·252	0·170	0·202	0·559	0·679	0·701	0·436	0·699	0·489	0·474	0·359	0·249	0·213	0·286	10·160	Sums.
Means.	·008	·013	·020	·013	·020	·021	·011	·015	·009	·012	·008	·005	·007	·018	·022	·023	·014	·023	·016	·015	·012	·008	·007	·009	·014	Means.

SEPTEMBER 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·001	·002	·003	·001	·035	·026	·003	·032	·023	·001	·003	–	·002	·078	·001	·013	·008	·001	·031	·058	·003	·006	·212	·009	0·552	1
2	·001	–	·001	·008	·002	·004	·007	·001	·008	–	–	–	–	–	–	·003	·014	·046	–	–	–	–	–	–	0·095	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	·043	·007	–	·003	–	·002	–	–	·002	·003	·090	·018	·008	·002	0·178	5
6	·001	·001	–	–	–	–	–	·039	·003	·002	–	–	·005	·043	·041	·013	·013	·001	·008	·062	·120	·087	·201	·183	0·823	6
7	·121	·141	·034	·082	·188	·050	·015	·002	·025	·015	·067	·025	·022	·032	·007	·002	–	–	·004	·008	·009	·110	·044	·088	1·091	7
8	·151	·033	·009	·007	·048	·025	·066	·135	·192	·325	·445	·022	·008	·035	·002	·163	·028	·135	·099	·007	·010	·042	·009	·005	2·031	8
9	·009	·002	·009	·001	·004	–	–	–	·004	·004	–	·010	·090	·113	·104	·082	·003	·080	·004	·018	·041	·021	·125	·007	0·731	9
10	·006	·008	·145	·020	–	–	·005	–	–	–	·010	–	·006	·026	·008	·098	·035	·006	·012	·002	·042	·010	·010	·049	0·498	10
11	·024	·001	·002	·001	–	–	–	·040	·078	·200	·249	·200	·148	·089	·026	·078	·108	·166	·090	·218	·028	·009	·001	·002	1·758	11
12	·002	–	·001	·018	·001	·003	·003	·001	·004	·023	·100	·060	·054	·009	·155	·050	·003	–	–	·001	–	·001	·001	–	0·490	12
13	–	–	–	–	–	–	–	–	·003	·002	·008	·012	·030	·040	·065	·046	·093	·075	·060	·103	·052	·068	·085	·080	0·822	13
14	·020	·030	·022	·006	–	–	–	–	·001	–	–	–	–	·008	–	·001	–	–	–	–	–	–	–	–	0·088	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	·001	–	·001	–	–	·001	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·007	21
22	·004	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005	22
23	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	·003	·004	·002	–	–	0·011	23
24	–	–	–	–	–	–	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·008	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·004	·006	·005	·001	·002	·003	·004	·010	·014	·007	0·059	25
26	·005	·003	·017	·070	·025	·008	·060	·058	·010	·002	·013	–	·001	–	·001	–	–	–	–	–	–	·002	·046	·071	0·392	26
27	·056	·020	·101	·188	·158	·134	·150	·212	·070	·005	·002	·020	–	·009	·010	·025	·001	·065	·001	·002	–	–	·008	·020	1·257	27
28	·073	·126	·010	·006	·008	·003	·011	·058	·055	·010	·039	·015	·008	·005	·007	·014	·008	·002	·060	·006	·013	·010	·047	·004	0·598	28
29	·002	–	–	–	·003	·010	·011	·015	·036	·085	·094	·085	·107	·080	·070	·065	·024	·042	·039	·077	·052	·073	·095	·042	1·107	29
30	·022	·012	·010	·009	·007	·013	·017	·030	·012	·055	·027	·025	·007	·009	·007	·003	·001	·001	·001	·009	·021	·059	·069	·005	0·431	30
31																										31
SUMS.	0·498	0·380	0·365	0·418	0·479	0·276	0·349	0·634	0·527	0·729	1·100	0·481	0·488	0·612	0·508	0·664	0·344	0·621	0·413	0·580	0·489	0·528	0·975	0·574	13·032	SUMS.
MEANS.	·017	·013	·012	·014	·016	·009	·012	·021	·018	·024	·037	·016	·016	·020	·017	·022	·011	·021	·014	·019	·016	·018	·032	·019	·018	MEANS.

OCTOBER 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·009	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·010	1
2	–	–	–	·020	·004	·035	·062	·012	·008	·002	·001	·002	–	–	–	–	–	–	–	–	–	–	·003	·001	0·150	2
3	–	–	–	·002	·001	·010	·033	·078	·072	·055	·025	·008	·050	·071	·069	·031	·013	·010	·026	·020	·012	·002	·004	·001	0·593	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	·001	–	–	·002	·001	·001	·002	0·010	4
5	·001	·002	·002	·002	·001	·002	·003	·002	·001	·001	·002	·001	·002	·001	·004	·001	–	–	–	·001	·001	·002	·003	·002	0·037	5
6	·002	·001	·002	·001	·001	–	·002	·001	·001	·001	·001	–	–	–	–	–	–	·004	·090	·002	·008	·330	·002	·003	0·450	6
7	·001	·009	·001	·005	·001	·001	·015	·055	·007	·005	·001	–	–	–	–	–	–	–	–	–	·003	–	–	·001	0·105	7
8	·009	·001	–	·005	·006	–	·003	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·025	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·011	·060	·052	·239	·075	0·437	9
10	·069	·042	·020	·130	·040	·167	·103	·026	·185	·017	·004	·033	·056	·027	·080	·009	·010	·115	·101	·009	·001	·012	·001	–	1·259	10
11	·019	–	·009	–	·007	–	–	–	·001	–	–	–	–	·028	·008	·029	·089	·090	·100	·067	·069	·010	·048	·027	0·601	11
12	·023	·050	·092	·147	·173	·200	·065	·068	·128	·025	·064	·110	·002	·005	–	–	–	·016	–	·070	–	·018	·003	·004	1·263	12
13	–	·001	·002	–	·030	·055	·001	·089	·002	·030	·010	·115	·027	·018	·005	·015	–	·001	–	·009	·037	·084	·018	·023	0·572	13
14	·014	·007	·001	–	–	–	–	·035	·045	·040	·106	·012	·007	·063	·040	·021	·001	·001	–	·010	·001	–	–	–	0·404	14
15	–	–	–	–	–	–	–	–	–	·001	·001	–	·001	·001	·005	·008	·004	·006	·008	·009	·007	·001	·001	·001	0·054	15
16	·008	·009	·019	·018	·014	·010	·007	·010	·006	·012	·020	·006	·095	·008	·028	·049	·050	·035	·085	·080	·009	·005	–	·097	0·680	16
17	·142	·060	·005	·040	·085	·036	·003	·001	·004	·001	–	·002	·043	·041	·074	·043	·001	·001	·026	·046	·030	·007	·004	·005	0·700	17
18	·008	·006	·008	·002	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	·001	·002	–	·001	–	–	0·030	18
19	·001	·002	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006	19
20	–	–	–	–	–	–	–	–	·002	·003	–	–	–	–	–	–	–	·025	–	·003	–	–	–	–	0·033	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·005	–	–	–	–	–	·001	–	–	0·012	21
22	·007	·006	·001	·028	·044	·014	·015	·004	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·119	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	·008	–	–	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	0·011	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28
29	–	–	–	–	–	–	–	–	–	–	–	·001	–	·035	·028	·007	·001	–	–	·006	·001	·006	·005	·088	0·178	29
30	·080	·006	·005	·001	–	–	–	–	–	–	·001	–	–	–	·001	–	·001	·001	·001	–	–	–	·001	–	0·098	30
31	–	–	–	–	·054	·051	·066	·145	·003	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·322	31
Sums.	0·393	0·203	0·170	0·409	0·461	0·581	0·378	0·528	0·465	0·197	0·236	0·293	0·283	0·298	0·348	0·220	0·171	0·306	0·438	0·345	0·241	0·532	0·333	0·330	8·159	Sums.
Means.	·013	·007	·005	·013	·015	·019	·012	·017	·015	·006	·008	·009	·009	·010	·011	·007	·006	·010	·014	·011	·008	·017	·011	·011	·011	Means.

NOVEMBER 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	·021	·050	·050	·048	·010	·002	·010	·015	·016	·009	·003	·001	–	–	–	–	–	–	·037	·104	·010	0·386	1
2	–	·081	·011	·018	·013	·002	·012	·001	·003	–	–	–	·022	·008	–	·007	·007	·001	·001	–	–	–	–	·001	0·188	2
3	–	·002	·019	·028	·094	·080	·084	·197	·275	·338	·325	·346	·310	·291	·042	·097	·002	·008	·023	·025	·009	·010	·034	·066	2·705	3
4	·002	·002	·028	·054	·040	·048	·030	·072	·015	·103	·040	·007	·086	·062	·041	·027	·043	·018	·070	·052	·050	·035	·011	·011	0·947	4
5	·008	·002	·029	·025	·052	–	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·119	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	·002	–	–	0·005	6
7	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·006	·008	·009	0·025	7
8	·011	·040	·029	·010	·008	·006	·005	·002	·025	·005	·023	·048	·049	·062	·100	·037	·024	·025	·026	·022	–	–	–	–	0·557	8
9	–	–	·008	·015	·013	·010	·008	·010	·019	·017	·010	·007	·009	·006	–	·003	·003	·002	–	·001	–	–	·001	–	0·142	9
10	–	–	–	–	–	–	–	–	–	–	–	–	·028	·014	·015	·034	·030	·030	·080	·021	·011	·034	·030	·016	0·343	10
11	·019	·024	·006	·002	·001	·001	–	–	–	–	–	–	–	–	–	·002	·018	·025	·022	·032	·092	·113	·069	·040	0·466	11
12	·012	·017	·010	·008	·003	·006	·002	·003	·005	·005	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	0·076	12
13	–	–	–	–	–	–	–	–	·032	·025	·012	·011	·004	·005	·035	·004	·001	–	–	·001	·039	·044	·003	·001	0·217	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·005	·008	·006	·013	·019	·022	·020	·055	·012	·022	0·184	14
15	·002	·011	·002	·003	–	–	–	·001	·010	·060	·045	·092	·095	·116	·117	·009	·085	·046	·002	·006	·018	·064	·171	·085	1·040	15
16	·072	·030	·080	·001	·054	·056	·010	–	·001	–	–	–	–	–	·017	·010	·026	·035	·030	·042	·010	·024	·031	·060	0·589	16
17	·071	·057	·121	·047	·050	·030	·037	·070	·006	·007	·003	·010	·092	·188	·060	·040	·050	·050	·049	·055	·041	·031	·052	·012	1·229	17
18	·010	·008	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	·019	·036	·037	·041	·030	0·183	18
19	·005	·037	·010	·026	·056	·100	·064	·020	·006	·009	·016	·013	·025	·015	·022	·026	·066	·043	·024	·059	·083	·109	·048	·035	0·917	19
20	·020	·074	·135	·123	·076	·006	·008	·002	·008	·001	·085	·090	·081	·050	·054	·139	·187	·135	·135	·011	·003	–	·001	–	1·424	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	–	–	–	–	–	·002	·001	·004	·008	·002	0·019	22
23	·001	·001	–	–	–	–	–	–	–	–	·002	·001	·001	·003	·001	·002	–	·002	·002	·008	·007	·008	·008	·006	0·053	23
24	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·005	·002	–	·001	·006	·005	·003	·001	·001	0·027	26
27	–	·003	·001	–	·001	–	–	–	–	–	–	–	–	·001	–	·001	·001	·002	·003	·006	·006	·007	·011	·011	0·054	27
28	·010	·026	·008	·004	–	·003	·003	·001	–	·005	·004	·004	·012	·009	·013	·008	·004	·015	·010	·100	·112	·043	·079	·159	0·632	28
29	·072	·020	·006	·018	·042	·085	·077	·067	·018	·072	·032	·104	·009	·082	·102	·134	·112	·111	·072	·019	·112	·062	·015	·137	1·580	29
30	·028	·009	·002	·008	·008	·036	·066	·027	·025	·024	·036	·037	·046	·013	·009	·007	·013	·009	·003	·026	·022	·001	·001	·005	0·461	30
31																										31
SUMS.	0·345	0·444	0·507	0·411	0·561	0·519	0·455	0·484	0·452	0·682	0·648	0·791	0·878	0·930	0·637	0·600	0·680	0·570	0·572	0·538	0·679	0·729	0·739	0·719	14·570	SUMS.
MEANS.	·012	·015	·017	·014	·019	·017	·015	·016	·015	·023	·022	·026	·029	·031	·021	·020	·023	·019	·019	·018	·023	·024	·025	·024	·020	MEANS.

DECEMBER 1886.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·003	·030	·011	·013	·015	·005	·010	·015	·004	·002	–	·003	·037	·056	·030	·027	·044	·093	·042	·011	·036	·008	·002	·004	0·501	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·013	·008	·027	·039	·056	·053	·064	·110	·120	0·491	3
4	·075	·053	·038	·002	·002	·009	·042	·037	·015	·017	·045	·039	–	–	–	–	–	–	–	–	–	–	–	–	0·374	4
5	–	·002	·008	·006	·007	·009	·005	·001	–	–	·001	·002	·002	·002	·070	·060	·075	·075	·072	·205	·269	·202	·180	·119	1·372	5
6	·187	·102	·059	·041	·045	·105	·084	·092	·081	·053	·056	·027	·060	·009	·010	·111	·192	·034	·008	·036	·062	·050	·006	·055	1·565	6
7	·039	·002	·007	·002	·012	·089	·004	·042	·073	·018	·053	·003	·025	·017	·009	·001	·001	·003	–	·120	·047	·051	·002	–	0·620	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	0·002	8
9	–	·040	·027	·052	·064	·088	·007	·056	·048	·030	·008	·105	·110	·094	·031	·034	·046	·028	·006	·008	·010	·009	·009	–	0·910	9
10	–	–	–	–	–	–	–	–	–	–	–	–	·010	·048	·003	–	–	–	–	–	–	–	–	–	0·061	10
11	–	–	–	–	–	–	·001	·020	·003	·008	·005	·022	·035	·007	·001	·001	–	·001	–	·001	·003	–	·009	·016	0·133	11
12	·030	·039	·027	·083	·056	·046	·026	·012	·007	·008	·003	·002	–	–	–	–	–	–	–	–	–	–	–	–	0·339	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	0·008	17
18	·009	·004	·019	·036	·036	·034	·020	·015	·026	·025	·013	·002	·057	·009	·002	–	–	–	–	–	–	–	–	–	0·307	18
19	–	–	–	–	–	–	–	–	–	–	–	–	·007	·022	·024	·017	·019	·017	·016	–	–	–	–	–	0·122	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	·005	·020	·035	·095	·052	·055	·143	·027	·016	·012	·018	·030	·106	·055	·011	·013	·002	0·695	21
22	·009	·002	·007	·001	·003	·004	·001	–	·002	·015	·023	·012	·019	·019	·004	·001	·001	·003	·008	·007	·022	·020	·010	·009	0·202	22
23	·011	·009	·001	–	–	·001	·003	·003	·001	·008	·007	·063	·005	·008	–	·001	·002	·006	·009	·021	·022	·032	·015	·030	0·258	23
24	·030	·032	·334	·069	·023	·015	·023	·047	·115	·062	·035	·030	·010	·015	·007	·006	·021	·037	·046	·021	·009	–	–	–	0·987	24
25	·022	·100	·020	·021	·044	·020	·068	·039	·030	·064	·076	·005	·024	·039	·035	·048	·056	·043	·017	·038	·050	·040	·057	·008	0·964	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040	·040	·040	·040	·040	·041	·028	·032	0·301	27
28	·077	·068	·072	·051	·014	·044	·030	·019	·020	·026	·008	·012	·022	·038	·045	·055	·017	·002	·003	·002	·004	·002	·004	·008	0·643	28
29	·006	·002	·001	·004	·004	·001	–	·008	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·026	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31	–	–	–	·002	·001	–	–	·001	·001	·007	–	·007	·027	·012	·010	·001	·001	·001	·003	·005	·007	·008	·002	·004	0·100	31
SUMS.	0·498	0·485	0·631	0·383	0·326	0·470	0·324	0·412	0·446	0·378	0·428	0·386	0·505	0·540	0·309	0·392	0·535	0·428	0·339	0·677	0·689	0·538	0·447	0·415	10·981	SUMS.
MEANS	·016	·016	·020	·012	·011	·015	·010	·013	·014	·012	·014	·012	·016	·017	·010	·013	·017	·014	·011	·022	·022	·017	·014	·013	·015	MEANS.

JANUARY 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·009	·003	·001	·003	·002	·002	·003	·006	·003	·002	·001	·001	·001	·002	–	–	·001	–	–	·001	–	–	–	–	0·041	1
2	·001	·002	–	·001	·004	·002	·018	·007	·006	·011	·003	·008	·028	·068	·012	·004	–	·006	·001	·006	–	·013	·022	·010	0·233	2
3	[·010]	[·020]	[·020]	[·020]	·002	·045	·014	·025	[·060]	[·080]	[·120]	[·100]	[·040]	–	–	[·010]	[·020]	·106	·011	·002	·001	–	–	–	0·706	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	[·010]	[·010]	[·010]	[·010]	[·010]	·008	·001	·012	·015	·001	·001	·001	–	–	–	–	·002	–	·001	–	–	–	–	–	0·092	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	[·010]	[·010]	·010	·025	·050	·008	·006	·004	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	0·124	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	[·010]	[·010]	[·010]	[·010]	[·080]	[·080]	·025	·105	·113	·013	·038	·002	·001	·001	·002	–	–	–	–	0·500	11
12	·036	·055	·018	·061	·002	·001	·035	·038	·005	·013	·014	·002	·024	·011	·026	·003	·010	·001	·001	·009	·009	·009	·011	·052	0·446	12
13	·026	·028	·028	·027	·012	·045	·004	·028	·040	·035	·033	·037	·031	·023	·047	·028	·001	·009	·002	·002	·001	–	·050	·002	0·539	13
14	·005	–	–	–	–	·040	·001	–	–	–	·005	–	·003	–	–	–	–	–	–	–	–	–	–	–	0·054	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	[·005]	[·005]	[·005]	[·005]	[·005]	·003	·002	·009	·046	·006	068	·070	·036	0·265	17
18	·007	·012	·018	·010	·001	·008	·005	·004	·010	·001	·001	–	–	–	–	–	·005	·010	·018	[·010]	[·010]	[·010]	[·010]	[·020]	0·170	18
19	·096	·117	·187	·233	·171	·259	·266	·261	·175	·209	·145	·006	·008	·001	·038	·068	·062	·066	·006	·007	·027	·006	·020	·032	2·466	19
20	·018	·011	·008	·005	·008	·001	·010	·002	·001	·018	·007	·013	·018	·015	·049	·047	·032	·028	·039	·058	·019	·009	·010	·007	0·433	20
21	·019	·033	·037	·067	·029	·040	·032	·058	·012	·008	·012	·022	·046	·092	·085	·050	·058	·110	·110	·116	·081	·086	·143	·126	1·472	21
22	·098	·104	·139	·157	·155	·220	·155	·075	·071	·090	·080	·057	·039	·020	·009	·001	·001	–	·003	·012	·003	·007	·008	·014	1·518	22
23	·038	·042	·012	·040	·027	·003	·002	·008	·019	·050	·008	·001	·007	–	·001	·001	–	–	–	–	–	–	–	–	0·259	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·025	·006	·007	·001	·016	·002	0·058	24
25	·045	·060	·025	·038	·082	·007	–	·001	·001	·129	·155	·060	·080	·083	·056	·110	·020	·003	·002	·007	·005	·007	·021	·033	1·030	25
26	·372	[·200]	[·200]	[·200]	[·200]	–	–	·008	001	·006	·002	·003	·001	·002	·004	·005	·001	·002	·030	·058	·068	·072	·084	·068	1·587	26
27	·093	·148	·149	·222	·185	·345	·032	·065	·095	·080	·056	·060	·198	·179	·143	·149	·225	·132	·151	·143	·335	·193	·072	·120	3·570	27
28	·043	·070	·030	·012	–	·028	·009	·155	·035	·006	·030	·025	·042	·079	·080	·081	·070	·065	·030	·016	·029	·038	·020	·007	1·000	28
29	·008	·010	·010	·020	·023	·030	·028	·055	·046	·030	·015	·008	·001	·016	·007	·003	–	·001	·001	·002	·001	·001	–	·001	0·317	29
30	·010	·022	·002	·004	·008	·008	·014	·009	·003	·003	·001	·008	·007	·016	·028	·056	·083	·109	·082	·038	·071	·060	·019	·022	0·683	30
31	·001	–	·002	·004	·006	·001	·002	·004	–	–	–	–	–	[·015]	[·015]	[·015]	[·015]	[·015]	[·015]	[·015]	[·015]	·004	·040	·051	0·235	31
SUMS.	0·945	0·957	0·906	1·144	0·952	1·153	0·649	0·837	0·612	0·852	0·769	0·443	0·684	0·740	0·618	0·674	0·611	0·667	0·538	0·556	0·688	0·584	0·616	0·603	17·798	SUMS.
MEANS.	·030	·031	·029	·037	·031	·037	·021	·027	·020	·027	·025	·014	·022	·024	·020	·022	·020	·022	·017	·018	·022	·019	·020	·019	·024	MEANS.

FEBRUARY 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·002	·003	·001	·024	·018	·002	·001	·001	·115	·032	·002	·025	·030	·045	·012	·003	·001	·007	·001	·002	·008	–	–	–	0·335	1
2	–	·002	·001	–	..	–	–	–	–	–	[·100]	[·100]	[·100]	[·050]	[·050]	[·050]	[·050]	·106	·002	·087	·026	·039	·004	·003	0·770	2
3	·005	·018	[·025]	[·025]	[·100]	[·100]	·033	–	·002	·005	·075	·108	·048	·008	·007	·004	·003	·001	·002	·041	·149	·100	·059	·056	0·974	3
4	·053	·030	·080	·018	·063	·045	·042	·148	·053	·030	·025	·018	·027	·008	·004	–	·001	·001	·005	·023	·040	·009	·011	·006	0·740	4
5	·042	·038	·028	·035	·055	·013	·065	·030	·027	·060	·225	·057	·083	·011	·018	·020	·034	·092	·080	–	–	–	–	–	1·013	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	·008	·008	·003	·001	·002	·001	·002	·001	·002	·010	·018	·016	·013	·025	·004	–	–	–	–	0·114	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	0·002	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	·017	·021	·003	·001	·001	·001	·002	·002	–	–	·001	·002	0·051	16
17	–	–	–	–	–	–	–	–	–	–	–	–	·002	·001	·003	·001	·001	·008	·070	·013	·023	·022	·049	·028	0·221	17
18	·032	·042	·109	·072	·167	·075	·040	·002	·028	·003	·003	·001	·001	–	–	–	–	–	–	–	–	–	–	–	0·575	18
19	–	–	–	–	–	·006	·005	·003	·009	·014	–	·005	·007	·008	–	–	–	–	·006	·004	·005	·002	·003	–	0·077	19
20	·001	–	–	–	·002	–	·001	·002	·008	·020	·010	·012	·018	·032	·008	·027	–	·001	·063	·008	·003	·002	·005	·001	0·224	20
21	·002	·005	·007	·010	·040	·013	·018	·035	·013	·010	·015	·009	·048	·009	·083	·006	·016	·007	·004	·007	·002	·002	·008	·012	0·381	21
22	·011	·030	·010	·005	·018	–	·015	·003	·005	·036	·024	·020	·058	·119	·147	·102	·066	·011	·008	·146	·042	·329	·202	·138	1·545	22
23	·063	·007	·026	·019	·152	·110	·060	·050	·060	·154	·255	·326	·197	·061	·048	·058	·094	·182	·125	·291	·101	·082	·145	·181	2·847	23
24	·265	·229	·136	·160	·150	·064	·045	·030	·028	·030	·022	·069	·225	·202	·232	·102	·076	·075	·110	·082	·085	·012	·030	·059	2·518	24
25	·098	·030	·058	·077	·170	·102	·116	·053	·038	·034	·070	·005	·008	·021	·028	–	–	–	–	–	–	–	–	–	0·908	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28
29																										29
30																										30
31																										31
Sums.	0·574	0·434	0·481	0·445	0·935	0·538	0·449	0·360	0·387	0·430	0·827	0·757	0·870	0·598	0·653	0·392	0·359	0·505	0·504	0·711	0·484	0·599	0·517	0·486	13·295	Sums.
Means.	·020	·016	·017	·016	·033	·019	·016	·013	·014	·015	·030	·027	·031	·021	·023	·014	·013	·018	·018	·025	·017	·021	·018	·017	·020	Means.

MARCH 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·007	·019	·020	·010	·018	·020	·025	·003	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·125	1
2	–	–	–	–	–	–	–	–	–	–	·001	·007	–	·004	·002	·010	·055	·052	·045	·013	·011	·020	·010	·002	0·232	2
3	·002	·003	·002	·002	·004	·006	·014	·013	·009	·002	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	0·059	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	–	·001	–	–	–	–	·016	0·025	9
10	·022	·021	·022	·011	·020	·009	·008	·009	·006	·005	·003	·004	·016	·008	·012	[·022]	[·022]	[·022]	[·022]	[·022]	[·022]	[·022]	[·023]	[·023]	0·376	10
11	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	[·010]	–	–	–	–	–	–	–	–	–	–	–	–	0·120	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·017	·010	·001	–	–	–	–	0·033	16
17	–	–	–	–	–	·005	·010	·013	·020	·002	·002	·001	·001	–	·002	–	–	–	–	–	–	–	–	–	0·056	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	·001	·001	–	–	–	–	·005	·001	·002	–	·001	·002	·003	·002	·002	–	0·020	22
23	–	–	·001	–	–	–	–	–	·024	·010	·002	·002	·030	·001	·008	·001	·015	·044	·072	·040	·074	·052	·049	·081	0·506	23
24	·082	·063	·047	·038	·058	·046	·042	·014	·005	·010	·001	·007	·025	·008	·034	·003	·002	–	·004	·006	·003	·007	·001	·033	0·539	24
25	·011	·100	·072	·045	·007	·012	·002	·009	·007	·011	·018	·035	·253	·042	·012	·008	·018	·009	·042	·011	·030	·004	·010	·002	0·770	25
26	·005	·003	·001	–	–	–	–	–	–	–	–	–	–	–	·002	–	·001	·002	·006	·012	·022	·042	·066	·080	0·242	26
27	·193	·080	·039	·060	·101	·076	·070	·009	·111	·116	·097	·070	·053	049	·087	·075	·018	·023	·031	·050	·030	·061	·041	·049	1·589	27
28	·007	·042	·013	·002	·002	·005	·009	·015	·008	·007	·023	·008	·002	·003	·003	·003	·002	·028	0·25	·019	·006	·001	·002	–	0·235	28
29	–	–	–	–	–	–	–	–	–	·003	–	·001	·003	–	–	–	–	–	–	–	–	–	–	–	0·007	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·052	·005	0·077	30
31	·007	·002	·003	·005	·045	·035	·040	·072	·079	·116	·195	·156	·087	·030	·007	·007	·002	–	·004	–	–	–	–	–	0·892	31
SUMS.	0·346	0·343	0·230	0·183	0·265	0·224	0·230	0·167	0·282	0·294	0·352	0·301	0·470	0·145	0·174	0·130	0·150	0·197	0·265	0·176	0·201	0·231	0·256	0·291	5·903	SUMS.
MEANS.	·011	·011	·007	·006	·009	·007	·007	·005	·009	·009	·011	·010	·015	·005	·006	·004	·005	·006	·009	·006	·006	·007	·008	·009	·008	MEANS.

APRIL 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	–	·001	·007	–	–	–	·002	0·013	2
3	–	·003	·001	·008	·015	·035	·004	·012	·001	·002	·001	·001	·026	·009	·015	·013	·019	·002	·006	·004	·005	·029	·112	·075	0·398	3
4	·013	·037	·107	·091	·187	·245	·070	·023	·010	·007	·002	·001	·020	·068	·005	–	–	·090	–	·038	·004	·002	–	–	1·020	4
5	–	–	–	–	–	–	·092	·095	·070	·075	·032	·008	·006	·007	–	–	–	–	·019	·010	–	–	–	–	0·414	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14
15	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·001	–	·001	–	–	–	0·004	15
16	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	·012	·043	·023	·020	0·099	18
19	·030	·010	·023	·022	·031	·018	·005	·002	·002	–	·002	–	·001	·002	·004	·010	·075	·070	·074	·184	·117	·121	·142	·148	1·093	19
20	·201	·128	·105	·108	·061	·075	·117	·052	·046	·025	·110	·094	·095	·141	·027	·030	·017	·013	·039	·003	·002	·006	·008	·006	1·503	20
21	·007	·010	·011	·008	·008	·004	·003	·005	·005	·007	·006	·002	·002	·003	·001	·002	·002	·024	·008	·001	·003	–	·079	–	0·201	21
22	·022	·017	·051	·046	·010	·007	·015	·065	·009	·077	·060	·039	·003	·060	·006	–	·001	–	–	–	–	–	·001	·038	0·527	22
23	·003	·002	–	·020	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	·078	·206	·063	·001	–	0·374	23
24	–	–	·002	–	–	·015	·076	·018	·068	·116	·056	·045	·225	·061	·028	·011	·008	·012	·007	·028	·001	·004	·002	·010	0·793	24
25	·006	·003	·012	·027	·018	·004	·015	008	·003	·040	·060	·007	·055	·011	·001	·110	·054	–	·018	·003	·031	·036	·002	·022	0·546	25
26	·003	–	–	–	·001	·002	·002	·008	·010	·007	·020	·030	·034	·027	·038	·030	·004	–	·002	–	–	–	–	–	0·218	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·001	·009	·002	·001	·001	·003	–	–	–	0·022	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·097	·159	·022	·026	·002	–	0·306	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	0·003	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31																										31
Sums.	0·285	0·210	0·313	0·330	0·331	0·405	0·399	0·289	0·224	0·356	0·349	0·227	0·467	0·395	0·124	0·207	0·190	0·213	0·274	0·516	0·407	0·330	0·372	0·321	7·534	Sums.
Means.	·010	·007	·010	·011	·011	·014	·013	·010	·007	·012	·012	·008	·016	·013	·004	·007	·006	·007	·009	·017	·014	·011	·012	·011	·010	Means.

MAY 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	0·001	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	0·004	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	·071	–	·001	–	–	·060	·001	–	–	–	0·138	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
7	–	–	–	–	·076	·005	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·002	0·087	7
8	·012	·010	·009	·010	·004	·003	·002	·004	·005	·008	·003	·009	·002	·008	·011	·008	·025	·007	·022	·050	·110	·094	·069	·003	0·488	8
9	·002	·001	–	–	·029	·003	·010	·004	·088	·070	·066	·001	·021	·007	·016	·062	·019	·002	·044	·020	·059	·009	·027	·018	0·578	9
10	·004	·010	·032	·042	·032	·020	·002	·067	·015	·035	·035	·047	·064	·068	·012	·010	·001	·001	–	–	-	·011	·064	·038	0·610	10
11	·080	·019	·022	·010	·008	·007	·004	·011	·007	·002	·007	·001	·004	–	–	·003	–	–	–	–	·002	·002	–	–	0·189	11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	–	–	–	0·005	12
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13
14	·001	·002	·001	–	·001	·001	·001	·001	·001	–	·001	·001	–	–	·001	·001	–	·001	·001	–	–	–	·001	·001	0·017	14
15	–	·002	–	·002	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	0·006	15
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	·003	–	–	–	–	–	–	·003	·032	·051	·010	·001	·002	·001	·010	·001	·001	0·115	17
18	·011	·002	·001	·002	·003	·002	·001	·002	·002	·018	·001	·002	·042	·001	·010	·028	·016	·014	·001	·001	–	–	·022	·003	0·185	18
19	·009	·030	·239	·277	·012	·055	·001	·002	–	·034	·008	·001	·001	·017	–	·001	–	–	–	·007	–	–	–	·020	0·714	19
20	·011	·004	·015	·028	·117	·081	·012	·003	·007	·002	·007	·013	·008	·030	·006	·011	·025	·008	·005	·002	·003	·003	·097	·012	0·510	20
21	·038	·021	·002	·001	·002	·035	–	·001	·006	–	·011	·010	·025	·019	·012	·006	·013	·009	·019	·018	·009	·002	·001	·001	0·261	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	·006	–	·001	·001	·002	·001	·001	·001	·002	·003	–	·001	·001	·001	–	·001	–	·001	–	0·023	24
25	–	–	·001	–	·002	·002	·002	·001	·001	–	·001	·002	·001	·002	·002	·002	–	–	·001	·001	–	·001	·002	–	0·024	25
26	·001	–	–	·004	·001	·001	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·008	26
27	·005	–	·002	–	·001	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·009	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	31
Sums.	0·174	0·101	0·324	0·376	0·289	0·222	0·039	0·101	0·133	0·171	0·141	0·088	0·169	0·159	0·148	0·164	0·152	0·053	0·095	0·166	0·186	0·132	0·286	0·103	3·972	Sums.
Means.	·006	·003	·010	·012	·009	·007	·001	·003	·004	·006	·005	·003	·005	·005	·005	·005	·005	·002	·013	·005	·006	·004	·009	·003	·005	Means.

JUNE 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
4	–	–	–	–	–	–	–	–	–	–	–	·022	·131	·055	·012	·005	·012	·012	·003	·009	·003	·002	·003	·003	0·272	4
5	·004	·011	·021	·003	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·043	5
6	–	–	–	·012	·024	·007	·004	·002	·003	·001	–	–	·002	–	–	·002	·004	·031	·082	·085	·041	·050	·018	·025	0·393	6
7	·038	·011	·006	·008	·007	·003	·003	·002	·016	·135	·050	·036	·055	·019	·042	·032	·067	·072	·033	·098	·045	·037	·020	·018	0·853	7
8	·021	·055	·016	·011	·013	·003	·002	·003	·001	–	–	–	·035	·131	·204	·070	·003	·012	·036	·008	·017	·069	·164	·089	0·963	8
9	·034	·333	·284	·062	·075	·067	·103	·031	·025	·107	·086	·004	·027	·291	·097	·009	·003	·015	–	–	·001	·002	·001	·002	1·659	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	·019	·001	·003	·003	·043	·013	·064	·056	·050	·064	·026	·054	·030	·061	·041	·007	·035	·005	·008	·006	·056	·042	0·687	11
12	·027	·020	·038	·018	·005	·045	·072	·070	·105	·134	·050	·137	·077	·020	·092	·103	·095	·118	·113	·116	·118	·098	·080	·067	1·818	12
13	·069	·032	·014	·004	·001	–	–	–	–	·004	·019	·032	·042	·061	·075	·058	·009	·008	·008	–	·002	–	–	–	0·438	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·004	·076	·081	·013	·004	·003	·006	0·191	14
15	·007	·016	·022	·007	·012	·028	–	–	–	–	–	·002	·003	·001	–		–	–	–	–	–	–	–	–	0·098	15
16	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	·090	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·090	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31																										31
SUMS.	0·200	0·478	0·420	0·126	0·143	0·158	0·317	0·121	0·214	0·437	0·255	0·297	0·398	0·632	0·552	0·340	0·238	0·279	0·386	0·402	0·248	0·268	0·345	0·252	7·506	SUMS.
MEANS.	·007	·016	·014	·004	·005	·005	·011	·004	·007	·015	·008	·010	·013	·021	·018	·011	·008	·009	·013	·013	·008	·009	·012	·008	·010	MEANS.

JULY 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	·016	·058	·061	·040	·007	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·184	2
3	–	–	–	·007	·006	·012	·013	·013	·004	·004	·002	·022	·025	·061	·126	·115	·184	·055	·156	·008	·009	·007	·005	·003	0·837	3
4	·002	·005	·006	·008	·002	·001	·001	–	·011	·024	·041	·035	·109	·003	·006	·001	–	–	–	–	–	–	–	–	0·255	4
5	–	–	·010	·001	·006	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·021	5
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	·006	0·007	6
7	·008	·005	·004	·022	·004	·007	·150	·046	·080	·022	·040	·003	·006	·009	·010	·002	–	–	–	–	·001	–	–	–	0·419	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	·007	–	·115	·292	·052	·007	·003	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	·082	0·563	9
10	·184	·106	·155	·068	·030	·304	·140	·226	·007	·015	·022	·012	·002	·002	·003	·083	·082	·002	·013	·001	·015	·008	·010	·005	1·495	10
11	·003	·005	·002	·001	·046	·004	·006	·001	·001	·001	·001	·015	·006	·021	·008	·005	–	·001	–	·002	·001	–	–	–	0·130	11
12	–	·001	·007	·012	·035	·044	·064	·008	·076	·022	·011	·005	·001	·009	·002	·001	–	–	–	·001	·013	·019	·192	·005	0·528	12
13	·010	·001	·001	–	·001	–	–	–	–	–	–	–	–	·008	·076	·001	·001	·016	·212	·003	·004	·143	·105	·059	0·641	13
14	·059	·045	·096	·073	·065	·048	·006	·064	·064	·007	·031	·048	·002	·020	·048	·015	·003	·001	·001	·040	–	·020	·007	·057	0·820	14
15	·008	·006	·006	·009	·066	·002	·022	·014	·017	·030	·004	·050	·007	·017	·002	·010	–	–	–	–	–	–	·001	–	0·271	15
16	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	·004	–	·018	·134	·001	·002	–	·032	–	–	0·192	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·001	·017	·007	·008	·004	·007	·002	·001	0·048	18
19	–	–	–	–	–	–	–	–	–	–	·001	·001	–	–	·002	·002	·020	·114	·046	·022	·041	·026	·005	·006	0·286	19
20	·004	·005	·002	·001	·002	·001	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·017	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	·004	·002	·004	·008	·014	·016	·025	·027	0·102	21
22	·009	·005	·006	·020	·040	·250	·146	·038	·002	·056	·013	·016	·115	·033	·021	·013	·001	·001	·001	·030	·001	·004	·001	·043	0·865	22
23	·050	·007	·006	·042	·002	·047	·029	·025	·002	·013	·045	·017	·012	·028	·017	·010	·028	·114	·171	·163	·148	·057	·080	·178	1·291	23
24	·072	·063	·105	·011	·028	·008	·015	·044	·065	·118	·010	·105	·240	·066	·009	·010	·009	·003	–	·004	·001	·001	–	–	0·987	24
25	·002	·020	·031	·080	·001	·004	·055	–	·004	·040	·224	·105	·051	·061	·044	·056	·082	·002	·002	·010	·003	·002	–	–	0·879	25
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·003	·030	·040	·057	·168	·053	·100	·016	0·467	26
27	·002	·025	·049	·008	·003	·003	·008	·034	·092	·232	·246	·185	·042	·007	·025	·033	·046	·117	·007	·033	·003	·034	·001	·003	1·238	27
28	·004	·006	·005	·004	·005	·091	·088	·003	·002	·001	·001	·011	·001	·002	·008	·001	·003	·001	·003	·038	·001	·062	·027	·010	0·381	28
29	·039	·117	·070	·011	·003	–	·002	·037	·050	·009	·001	·013	·002	·014	·013	·011	·022	·007	·004	·009	·011	·090	·040	·138	0·713	29
30	·080	·040	·120	·014	·022	·035	·070	·135	·105	·035	·015	·091	·002	·010	–	·032	–	–	–	–	–	–	–	–	0·806	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·098	·001	–	0·099	31
SUMS.	0·552	0·520	0·749	0·432	0·489	1·157	0·871	0·695	0·585	0·629	0·708	0·735	0·623	0·371	0·424	0·404	0·507	0·617	0·672	0·439	0·438	0·684	0·602	0·639	14·542	SUMS.
MEANS.	·018	·017	·024	·014	·016	·037	·028	·022	·019	·020	·023	·024	·020	·012	·014	·013	·016	·020	·022	·014	·014	·022	·019	·021	·020	MEANS.

AUGUST 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	·015	·034	·055	·020	·057	·096	·010	·048	·125	·018	·026	·075	0·579	1
2	·154	·190	·048	·012	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·408	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
6	·001	·008	·010	·002	·008	·003	·015	·002	·002	·001	–	–	–	–	–	·013	·012	·020	·022	·065	·128	·092	·101	·032	0·537	6
7	·005	·009	·062	·055	·050	·045	·030	·055	·007	·002	·003	·001	·001	–	–	–	–	·002	·007	·084	·116	·057	·149	·141	0·881	7
8	·142	·092	·057	·077	·090	·072	·055	·035	·033	·035	·020	·013	·044	·035	·049	·058	·037	·037	·030	·050	·028	·090	·143	·200	1·522	8
9	·179	·191	·131	·121	·054	·073	·045	·014	·004	·002	–	–	–	–	·001	–	–	·001	·016	·001	·001	·007	·011	–	0·852	9
10	–	–	–	–	·001	·001	·003	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·006	10
11	–	–	–	–	–	–	·015	–	·002	–	·001		–	–	–	–	–	–	–	–	–	–	–	–	0·018	11
12	–	–	–	·001	–	–	–	–	·015	·068	·025	·007	·004	–	–	–	–	–	–	·003	·008	·001	·002	·002	0·136	12
13	·009	·001	·005	·001	·009	–	–	–	–	–	–	–	–	–	–	·079	–	·001	–	–	–	–	–	–	0·105	13
14	–	–	–	–	–	·001	–	–	–	·006	·003	·003	–	–	·001	–	–	–	·002	–	·001	–	·001	–	0·018	14
15	–	–	–	–	·003	–	–	–	–	–	–	·001	·006	·001	·009	·001	·007	–	–	–	·006	·001	·005	·003	0·043	15
16	·002	·008	·010	·005	·005	–	–	–	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·033	16
17	–	–	–	–	–	–	–	–	–	–	–	–	–	·008	·002	·007	·001	–	–	·001	–	·009	·008	·002	0·038	17
18	·002	·001	·002	·055	·003	·003	·002	·003	·001	–	–	–	–	–	·029	·084	·037	·003	–	·001	·002	·002	·030	·035	0·295	18
19	·052	·008	·009	·002	–	–	·001	–	–	–	·009	–	·060	·020	·003	·002	·032	·005	·043	·008	·004	–	–	–	0·258	19
20	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·002	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	·009	·033	·015	·068	·045	·047	·058	·060	·005	·003	·005	·003	·004	·004	·002	0·361	22
23	·005	·001	·004	·002	·002	·001	·025	·011	·005	·004	·013	·090	·250	·028	·003	·001	–	–	–	–	–	–	–	–	0·445	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	·001	·004	–	–	–	–	–	–	0·007	25
26	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	·008	·040	·052	·021	·075	·063	·010	·013	·011	0·295	26
27	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	27
28	–	–	–	–	–	·010	·040	·027	·002	·003	–	–	·031	·026	·006	·062	·052	·023	·010	·002	–	–	–	–	0·294	28
29	·001	·115	·050	·090	·128	·007	–	–	–	–	–	·007	·005	–	·002	·008	·008	–	–	·001	·001	–	–	·001	0·424	29
30	·010	·070	·050	·022	·026	·041	·110	·048	·071	·009	·014	–	·005	·005	·005	·001	–	–	–	–	·002	·001	·001	·002	0·493	30
31	·005	·050	·040	·011	·004	·001	–	–	–	–	·003	–	–	–	·065	·002	·002	·001	·139	·126	·009	·003	·020	·175	0·656	31
SUMS.	0·567	0·745	0·478	0·456	0·386	0·259	0·345	0·196	0·145	0·139	0·124	0·137	0·489	0·202	0·279	0·404	0·346	0·250	0·303	0·470	0·497	0·295	0·514	0·681	8·707	SUMS.
MEANS.	·018	·024	·015	·015	·012	·008	·011	·006	·005	·004	·004	·004	·016	·007	·009	·013	·011	·008	·010	·015	·016	·010	·017	·022	·012	MEANS.

SEPTEMBER 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·030	·035	·013	·059	·002	·004	·003	–	–	–	·014	–	·003	–	–	–	–	–	–	–	–	–	–	-	0·163	1
2	–	·002	–	·064	·106	·079	·066	·150	·236	·147	·089	·121	·208	·120	·030	·022	·052	·037	·021	·002	·011	·013	·001	·002	1·579	2
3	–	–	·076	–	·006	·002	·025	·097	·067	·027	·131	·068	·004	·002	–	·001	–	–	–	–	–	–	-	–	0·506	3
4	–	–	–	–	·001	–	·003	·016	·015	·007	–	–	·010	·001	·003	·035	·061	·079	·037	·013	·003	·001	–	–	0·285	4
5	–	–	–	–	–	·003	–	–	·003	·017	·007	·001	·011	·001	·001	–	–	–	–	–	–	·010	–	–	0·054	5
6	·003	–	–	·009	·018	·007	–	–	·014	·003	·012	·001	·004	·008	·013	·008	·013	·024	·010	·006	·003	·010	·009	·025	0·200	6
7	·046	·008	·004	·001	·001	·001	·001	·002	–	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	0·064	7
8	–	–	–	·001	–	–	–	-	·003	·003	·005	·006	·002	–	–	·001	·053	·061	·034	·061	·200	·075	·071	·072	0·648	8
9	·052	·054	·045	·098	·056	·065	·070	·060	·023	·019	·060	·020	·197	·290	·265	·061	·007	·004	·002	·002	·003	·002	·012	·022	1·489	9
10	·023	·028	·018	·008	·025	·078	·095	·021	·047	·021	·086	·134	·178	·102	·092	·106	·055	·143	·082	·109	·115	·085	·189	·089	1·939	10
11	·034	·114	·088	·057	·081	·050	·008	·003	·003	·002	-	–	–	–	–	–	–	–	-	·025	–	·001	–	–	0·466	11
12	–	–	-	·147	·063	·028	·003	·028	·004	·028	–	·013	·007	·012	–	·003	–	·001	·003	–	–	·001	·005	·047	0·393	12
13	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	13
14	–	–	–	–	–	–	·042	–	–	·003	–	·003	·030	·094	·115	·025	·032	·010	·029	·017	·002	·002	·001	–	0·405	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·018	·034	·035	·033	·013	·018	0·151	15
16	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	–	0·004	16
17	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·001	17
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	23
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	24
25	–	–	–	·009	–	·001	–	–	–	–	·001	–	·001	·010	·004	·001	·003	·001	·003	·010	·048	·098	·075	·151	0·416	25
26	·068	·058	·180	·112	·058	·092	·015	·002	·003	·007	·001	·001	–	·012	–	·160	·029	·108	·003	·052	·099	·108	·049	·010	1·227	26
27	·002	·181	·029	·008	·002	·007	·148	·090	·009	·005	·037	·010	·004	·003	·008	·027	·036	·004	·018	·001	·008	·001	–	–	0·638	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·009	·010	·003	–	–	–	[·020]	·119	0·165	28
29	·101	·004	·002	–	–	–	·007	·022	·001	–	–	–	–	–	–	·056	·003	–	–	–	·002	–	–	–	0·198	29
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31																										31
SUMS.	0·362	0·484	0·455	0·573	0·429	0·417	0·487	0·491	0·428	0·289	0·443	0·378	0·659	0·655	0·531	0·510	0·353	0·484	0·263	0·332	0·529	0·440	0·445	0·555	10·992	SUMS.
MEANS.	·012	·016	·015	·019	·014	·014	·016	·016	·014	·010	·015	·013	·022	·022	·018	·017	·012	·016	·009	·011	·018	·015	·015	·018	·015	MEANS.

OCTOBER 1887.

Rainfall—Inches.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
2	–	–	–	–	·003	–	·001	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005	2
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
5	–	–	–	·004	·009	·026	·004	·019	·007	·004	·019	·003	·020	·002	·004	·003	·006	·010	·028	·009	·008	·003	·002	·002	0·192	5
6	·004	·001	·005	·010	·036	[·015]	·014	·019	–	–	·002	·007	·072	·019	·059	·010	·001	·001	·028	·031	·018	·019	–	·001	0·372	6
7	–	·010	·003	·090	·219	·051	·089	·118	·051	·020	·009	·031	·060	·046	·018	·008	·007	–	–	·001	–	–	–	–	0·831	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	·001	–	–	0·011	9
10	–	–	–	·002	·003	·005	·040	·019	·029	·024	·008	·005	–	·001	·004	·007	·063	·050	·002	·002	–	–	–	–	0·264	10
11	–	–	–	–	·011	·002	·003	–	–	–	·004	·009	·001	–	–	–	–	–	·001	–	·003	–	–	–	0·034	11
12	·128	·020	·024	–	–	–	–	–	–	–	·012	·018	·023	·030	·059	·022	·018	·041	·055	·076	·032	·008	·030	·038	0·634	12
13	·030	·031	·013	·048	·015	·010	–	–	–	–	–	–	–	–	–	–	–	·020	·014	·003	·005	·004	·012	·032	0·237	13
14	·011	·012	·006	·007	·020	·007	·010	·020	·040	·010	·010	·005	·007	·001	·002	–	–	–	–	–	–	–	–	–	0·168	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
16	–	–	–	–	·008	·004	–	·002	·001	·009	–	·001	·001	–	–	·002	–	–	–	–	–	–	–	–	0·028	16
17	–	–	–	–	–	–	·001	–	·010	–	·001	·010	·022	·007	·003	·013	·025	·020	·022	·006	·004	·009	·004	·016	0·173	17
18	·002	·008	·004	·002	·010	·025	·009	·007	·010	·030	·035	·020	·012	–	–	–	·001	·001	·001	–	–	–	–	–	0·177	18
19	–	–	–	–	·020	·055	·075	·094	·090	·061	·055	·098	·147	·036	·020	·195	·388	·328	·212	·060	–	–	–	·002	1·936	19
20	–	–	–	–	·005	–	–	–	·001	–	–	·001	·009	·001	·001	–	·008	·005	–	–	–	–	·001	–	0·032	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
22	–	–	–	–	–	–	–	–	·022	·003	·003	·002	·011	·022	·008	·009	·009	·060	·061	·046	·027	·005	·063	·072	0·423	22
23	·141	·135	·042	·084	·175	·057	·083	·063	·001	·001	·001	·030	·020	·004	–	·079	·008	·001	·045	·084	·065	·003	·007	·045	1·174	23
24	·001	·001	–	·008	·020	·042	·015	·005	·001	–	·008	·029	·007	·001	·003	–	–	·005	·001	·001	–	·002	·001	·003	0·154	24
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25
26	–	–	–	–	–	·010	·025	·028	·024	·034	·043	·030	·020	·007	·013	·094	·162	·036	·084	·025	·090	·024	·101	·011	0·861	26
27	·075	·035	·077	·017	·041	·072	·062	·012	·060	·023	·025	·005	·014	·015	·074	·010	·010	·009	·027	·025	·035	·045	·254	·087	1·109	27
28	·005	·005	·007	·335	·042	·006	·070	·040	·100	·001	·050	·103	·096	·092	·004	·093	·008	·055	·036	·013	·126	·085	·055	·075	1·502	28
29	·046	·086	·036	·011	·090	·037	·055	–	·006	·021	–	·025	·040	·004	·044	·067	·060	·032	·060	·040	·046	·045	·040	·060	0·951	29
30	·046	·110	·021	·003	·075	·060	·010	·010	·030	·026	·006	·002	·007	·055	·013	·052	·035	·030	·006	·010	·006	–	–	·099	0·712	30
31	·036	·004	·020	–	·030	·035	·003	–	–	·005	·003	·020	·025	–	·004	–	–	–	·001	–	–	–	[·007]	[·013]	0·206	31
Sums.	0·525	0·458	0·258	0·621	0·832	0·519	0·569	0·456	0·484	0·272	0·294	0·454	0·614	0·343	0·333	0·664	0·819	0·704	0·684	0·432	0·465	0·253	0·577	0·556	12·186	Sums.
Means.	·017	·015	·008	·020	·027	·017	·018	·015	·016	·009	·009	·015	·020	·011	·011	·021	·026	·023	·022	·014	·015	·008	·019	·018	·016	Means.

NOVEMBER 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	[·010]	[·025]	[·025]	[·020]	[·020]	[·015]	[·015]	[·015]	[·010]	[·010]	[·010]	[·005]	[·005]	[·003]	[·000]	[·002]	[·002]	[·003]	[·005]	·036	·002	·008	–	·002	0·248	1
2	·003	–	–	–	·002	·005	·005	–	·008	·005	·006	·005	–	–	–	·001	·006	·006	–	–	·001	·015	–	–	0·068	2
3	·002	·006	·024	[·015]	[·015]	[·015]	[·015]	·024	·015	·031	·010	·001	–	–	–	–	–	·002	·021	·012	·006	·004	·002	·002	0·222	3
4	–	–	–	–	–	·003	·001	·021	·010	·002	–	·001	·020	·007	·008	·010	·010	·010	·016	·014	·015	·007	·033	·038	0·226	4
5	·036	·028	·024	·003	·009	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·101	5
6	–	–	–	–	–	–	–	–	–	–	–	·003	·010	·016	·030	·042	·060	·018	·010	·007	·003	·002	·001	·001	0·203	6
7	·010	·002	·002	·002	–	·010	–	–	·003	·008	·011	·011	·011	·010	·033	·040	·039	·010	·028	·017	·061	·013	·002	·006	0·329	7
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	0·001	8
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
12	–	–	–	–	·004	·005	·012	·004	·001	–	–	–	–	–	–	–	–	·001	·003	–	–	–	–	–	0·004	12
13	–	–	–	–	–	–	–	–	–	·009	·009	·001	·007	·002	·028	·017	–	–	–	–	–	–	·001	·002	0·003	13
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·015	·058	0·810	14
15	–	–	–	–	–	–	–	–	–	–	–	–	·060	·051	·018	·038	·063	·030	·006	·006	·008	·008	·013	·022	0·346	15
16	·008	·026	·007	·014	·028	·050	·071	·040	·055	·050	·040	·060	·001	·004	·007	·033	·009	·008	·001	·012	·002	·008	·018	·027	0·078	16
17	·008	·026	·008	·032	·010	·014	·008	·010	·023	·040	·015	·032	–	·001	–	·001	–	–	–	·001	·006	·009	–	·001	0·034	17
18	·006	·001	·002	·001	–	–	–	·002	–	–	·002	·001	–	–	–	–	–	·001	·002	·004	·006	·001	–	–	–	18
19	·013	·003	·003	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	0·004	19
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	0·012	20
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	21
22	·001	–	–	–	–	–	–	–	·003	·002	·003	·001	·001	–	–	–	–	–	–	–	–	–	–	–	0·512	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·004	·016	·009	·021	·045	23
24	–	–	–	–	·001	–	·004	·008	·009	·009	·020	·038	·065	·139	·080	·032	·002	–	–	·010	·010	·023	·135	·074	·066	24
25	·047	·005	·104	·014	·062	·085	·061	·029	·006	·009	·063	·043	·070	–	·002	·015	·036	·045	·010	·010	·023	·135	·074	·066	1·014	25
26	·137	·227	·357	·242	·315	·331	·314	·295	·295	·277	·150	–	·001	·003	–	·007	·010	·020	·002	·002	·022	·125	·020	·044	3·196	26
27	·006	·004	·006	·020	·070	·044	·007	·050	·085	·090	·038	·013	·022	·011	·002	·001	·001	–	–	–	–	–	–	–	0·470	27
28	–	–	–	–	·011	–	–	·009	·040	·006	·020	·025	·048	·029	·014	·071	·092	·026	·049	·001	·004	–	·002	·001	0·448	28
29	·008	·001	·001	·001	–	–	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	·002	–	–	–	0·014	29
30	–	–	·002	–	–	·002	·001	·001	·008	·020	·039	·019	·007	·002	–	·050	·022	·013	·020	·045	·041	·086	·096	·078	0·552	30
31																										31
Sums.	0·295	0·354	0·565	0·364	0·547	0·580	0·515	0·508	0·571	0·568	0·436	0·259	0·328	0·278	0·222	0·363	0·352	0·193	0·184	0·171	0·218	0·430	0·298	0·395	8·994	Sums.
Means.	·010	·012	·019	·012	·018	·019	·017	·017	·019	·019	·015	·009	·011	·009	·007	·012	·012	·006	·006	·006	·007	·014	·010	·013	·012	Means.

DECEMBER 1887.

RAINFALL—INCHES.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Amount.	
1	·045	·046	·056	·021	·040	·025	·061	·030	·055	·018	·025	·030	·020	·026	·034	·014	·057	·073	·079	·007	·064	·024	·043	·064	0·957	1
2	·085	·110	·162	·138	·152	·092	·063	·096	·045	·059	·057	·109	·084	·124	·056	·160	·139	·197	·058	·196	·182	·293	·090	·225	2·972	2
3	·079	·217	·195	·212	·032	·141	·040	·162	·062	·235	·105	·239	·160	·274	·160	·218	·093	·125	·160	·056	·122	·222	·116	·050	3·475	3
4	·037	·040	·018	·008	·010	·005	·001	–	·001	·030	–	·031	020	·006	·002	–	–	·001	–	–	–	–	·002	·014	0·226	4
5	·058	·037	·066	·051	·010	·110	·060	·060	·065	·057	·070	·170	·088	·067	·012	·039	·094	·064	·031	·084	·022	·006	·008	·006	1·335	5
6	·024	·068	·093	·072	[·120]	·035	·032	·043	·101	·023	·018	·122	·035	·012	·002	·005	·005	·027	·063	·074	·024	·007	·002	·035	1·042	6
7	·037	·142	·055	·017	·007	·075	·040	·060	·025	·008	·009	·033	·010	·026	·015	·050	·056	·012	·004	·037	·047	·086	·041	·002	0·894	7
8	·004	·001	·001	·001	·002	–	–	-	–	–	–	–	–	–	·009	[·010]	[·010]	[·020]	[·020]	[·020]	·033	·005	·002	·002	0·140	8
9	–	–	–	–	–	–	–	–	–	–	·001	[·010]	·005	·003	–	–	–	–	·001	–	·001	–	–	–	0·021	9
10	–	–	–	–	–	·001	–	–	–	–	·001		·020	·024	·001	·006	–	·001	–	–	–	–	–	–	0·054	10
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·006	·065	·060	·016	·023	·056	·012	·062	·003	·025	0·328	11
12	·002	·002	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·005	12
13	–	–	–	–	–	–	–	·019	·011	·020	·050	·041	·185	·274	·165	·048	·096	·025	·003	·001	·003	·006	·004	·003	0·954	13
14	·003	·008	·006	[·020]	·030	·021	·019	·004	–	–	–	–	–	·009	·005	·003	·005	·010	·002	·002	–	·001	–	–	0·148	14
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·004	·012	·028	·012	·042	0·098	15
16	·025	·065	·046	·001	·033	·008	·002	·045	·054	·038	·063	·205	·223	·055	·026	·050	·110	·062	·040	·114	·064	·066	·082	·092	1·569	16
17	·170	·123	·203	·140	·105	·100	·085	·080	·067	·132	·043	–	·024	·008	·007	·005	·075	·130	·035	·064	·070	·046	·090	·066	1·868	17
18	·061	·190	·078	·040	·059	·110	·008	·040	·069	·006	–	–	–	–	–	–	–	–	–	–	–	–	–	·014	0·675	18
19	·015	·009	·045	·042	·030	·040	·030	·002	·006	–	–	–	–	–	–	–	·005	·001	–	–	–	–	–	·012	0·237	19
20	·016	[·010]	[·010]	–	–	[·010]	[·010]	[·010]	[·010]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·076	20
21	–	–	·013	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·013	21
22	–	–	–	–	–	–	–	–	–	·019	·020	·020	·016	·044	·046	·038	·020	·004	·001	·045	–	·003	–	–	0·276	22
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	·002	·001	·001	·001	·005	·002	·002	·003	0·018	23
24	·001	·001	–	–	·001	–	–	·005	·008	–	–	·003	·005	·001	–	–	–	–	–	–	–	–	–	–	0·025	24
25	–	–	–	–	–	·005	·004	·007	·004	·003	–	·001	·002	·001	·012	·009	·019	–	–	–	–	·006	·005	·002	0·080	25
26	·004	·006	·013	·006	·003	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·034	26
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·001	–	–	–	–	–	–	–	–	–	0·001	28
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29
30	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	–	–	–	–	–	–	–	–	–	–	30
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	–	·008	·006	·011	·004	·002	0·056	31
Sums.	0·666	1·075	1·061	0·769	0·634	0·780	0·455	0·663	0·583	0·648	0·462	1·014	0·897	0·954	0·559	0·721	0·846	0·794	0·521	0·769	0·667	0·874	0·506	0·659	17·577	Sums.
Means.	·021	·035	·034	·025	·020	·025	·015	·021	·019	·021	·015	·033	·029	·031	·018	·023	·027	·026	·017	·025	·022	·028	·016	·021	·024	Means.

In the foregoing Rainfall Returns the entries are for the hour ending with that at the head of the column.

AMOUNT OF SUNSHINE.

The amount of Sunshine is obtained from a Campbell-Stokes' Sunshine Recorder. The amount for each hour is estimated in minutes and these values are entered in the columns of the Table; the Daily Amounts and Monthly Sums are, however, entered in hours and decimal fractions of an hour. In the last column of each month is given the Total Time that the centre of the Sun is above the horizon each day.

SUNSHINE—FEBRUARY 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42
2	–	–	–	–	–	–	60	17	–	–	10	10	–	–	–	–	–	–	1·62	8·49
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·63
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·78
7	–	–	–	–	–	–	–	–	10	–	2	–	5	–	–	–	–	–	0·28	8·85
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·92
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·00
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·08
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·16
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·23
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·31
14	–	–	–	–	–	–	–	–	–	–	–	–	45	25	–	–	–	–	1·17	9·39
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·47
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·55
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·63
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·70
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·78
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·86
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·94
22	–	–	–	–	–	–	–	20	60	45	7	–	–	–	–	–	–	–	2·20	10·02
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·10
24	–	–	–	–	40	60	55	60	60	60	50	35	20	–	–	–	–	–	7·33	10·18
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·26
26	–	–	–	–	–	–	32	55	55	45	40	10	–	–	–	–	–	–	3·95	10·34
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·42
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·50
29	–	–	–	–	–	–	20	3	–	–	–	–	–	–	–	–	–	–	0·38	10·54
30																				
31																				
SUMS. HOURS.	–	–	–	–	0·67	1·00	2·78	2·58	3·08	2·50	1·82	0·92	1·17	0·42	–	–	–	–	16·93	274·81

SUNSHINE—MARCH 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·58
2	–	–	–	–	–	–	–	3	–	–	–	1	1	–	–	–	–	–	0·08	10·66
3	–	–		–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	10·74
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·82
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·90
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·99
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·07
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·15
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·23
10	–	–	–	–	–	–	–	–	35	23	–	20	58	10	–	–	–	–	2·43	11·31
11	–	–	–	–	10	60	55	45	23	16	60	60	10	–	–	–	–	–	5·65	11·39
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·47
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·55
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·63
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·71
16	–	–	–	–	–	17	14	48	60	60	60	60	60	10	–	–	–	–	6·48	11·79
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·87
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·95
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·03
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·11
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·19
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·27
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·35
24	–	–	–	–	–	–	–	–	2	40	46	37	47	–	–	–	–	–	2·87	12·43
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51
26	–	–	–	–	35	60	60	60	60	60	60	60	55	12	–	–	–	–	8·70	12·59
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·67
28	–	–	–	–	–	–	2	50	55	45	6	–	–	–	–	–	–	–	2·63	12·75
29	–	–	–	–	–	–	–	–	3	4	28	–	–	–	–	–	–	–	0·58	12·83
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99
SUMS. HOURS.	–	–	–	–	0·75	2·28	2·18	3·43	3·97	4·13	4·33	3·97	3·85	0·53	–	–	–	–	29·42	365·44

SUNSHINE—APRIL 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	5	7	12	–	–	–	–	–	–	0·40	13·07
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·15
3	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	0·07	13·23
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·31
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·39
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·47
7	–	–	–	–	–	2	15	–	1	–	7	–	–	–	–	–	–	–	0·42	13·55
8	–	–	–	–	–	–	–	30	60	60	60	57	60	60	10	–	–	–	6·62	13·63
9	–	–	–	–	30	58	60	50	40	35	–	–	–	–	–	–	–	–	4·55	13·71
10	–	–	–	–	35	48	60	60	60	60	60	60	60	46	–	–	–	–	9·15	13·79
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·87
12	–	–	–	–	–	–	14	7	45	34	48	57	45	2	–	–	–	–	4·20	13·95
13	–	–	–	14	20	32	60	30	45	35	26	16	–	–	–	–	–	–	4·63	14·03
14	–	–	–	–	28	25	–	25	60	40	40	37	20	–	–	–	–	–	4·58	14·10
15	–	–	–	–	–	–	–	–	–	–	58	50	60	22	–	–	–	–	3·17	14·18
16	–	–	–	–	–	–	48	15	29	–	–	–	–	–	–	–	–	–	1·53	14·26
17	–	–	–	–	40	52	60	30	–	5	16	–	–	–	–	–	–	–	3·38	14·34
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·42
19	–	–	–	–	–	–	10	18	15	1	12	20	10	–	–	–	–	–	1·43	14·50
20	–	–	–	–	–	–	–	–	–	5	–	–	2	–	–	–	–	–	0·12	14·57
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·73
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·80
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·96
26	–	–	–	–	–	–	30	30	20	–	–	–	5	–	–	–	–	–	1·42	15·03
27	–	–	–	–	–	30	40	15	20	–	–	–	25	–	–	–	–	–	2·17	15·11
28	–	–	–	–	50	60	60	60	60	58	28	37	12	–	–	–	–	–	7·08	15·18
29	–	–	10	58	10	17	28	42	–	–	35	3	–	–	–	–	–	–	3·38	15·26
30	–	–	–	–	–	–	–	–	12	50	15	–	–	–	–	–	–	–	1·28	15·33
31																				
SUMS. HOURS.	–	–	0·17	1·20	3·55	5·40	8·08	6·87	7·78	6·47	6·87	5·88	4·98	2·17	0·17	–	–	–	59·58	426·45

SUNSHINE—MAY 1884.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·40
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·48
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·55
4	–	–	–	–	–	–	16	15	32	35	8	–	–	–	28	15	–	–	2·48	15·62
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·70
6	–	–	–	–	–	–	–	3	14	25	12	10	2	–	1	–	–	–	1·12	15·77
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·84
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·91
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·98
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·04
11	–	–	–	–	–	1	17	–	1	3	2	40	58	35	60	22	–	–	3·98	16·11
12	–	–	–	–	–	–	–	–	16	30	–	–	–	–	–	–	–	–	0·77	16·18
13	–	–	–	2	8	20	20	–	–	–	–	–	–	–	–	–	–	–	0·83	16·24
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·31
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·37
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·44
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·50
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·56
19	–	–	–	5	50	60	18	50	32	23	56	52	50	6	4	–	–	–	6·77	16·62
20	–	–	–	–	–	5	8	–	–	25	–	2	–	–	–	–	–	–	0·67	16·68
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·74
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·80
23	–	–	–	–	–	–	16	50	35	35	58	59	52	55	60	56	20	–	8·27	16·85
24	–	–	–	50	60	60	60	60	60	60	60	60	60	60	60	60	6	–	12·93	16·91
25	–	–	50	60	60	60	60	60	52	60	13	5	9	37	60	60	14	–	11·00	16·96
26	–	–	58	60	60	60	60	60	60	60	60	60	60	60	60	60	23	–	14·35	17·02
27	–	–	60	60	60	60	60	60	60	60	60	60	60	60	60	60	16	–	14·27	17·02
28	–	–	60	60	60	60	60	60	60	60	60	60	60	60	60	60	20	–	14·33	17·12
29	–	8	60	60	60	60	60	60	60	60	40	1	3	5	32	38	–	–	10·12	17·16
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·21
31	–	–	45	60	42	37	–	–	–	6	4	22	–	5	21	–	8	–	4·17	17·26
SUMS. HOURS.	–	0·13	5·55	6·95	7·67	8·05	7·58	7·97	8·03	9·03	7·22	7·18	6·90	6·38	8·43	7·18	1·78	–	106·06	508·40

SUNSHINE—JUNE 1884.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·30
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·34
3	–	–	–	16	60	60	60	17	10	37	25	55	25	3	–	–	–	–	6·13	17·38
4	–	–	40	26	30	55	55	20	3	15	55	60	12	–	–	–	–	–	6·18	17·42
5	–	–	–	–	–	–	–	–	–	–	–	–	–	12	20	2	–	–	0·57	17·46
6	–	–	3	38	14	17	5	–	–	–	–	–	–	2	–	–	–	–	1·32	17·49
7	–	–	–	–	–	–	–	–	–	7	14	–	–	–	–	–	–	–	0·35	17·52
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·55
9	–	–	–	10	18	–	–	–	–	–	–	–	–	–	–	–	–	–	0·47	17·58
10	–	–	2	50	60	40	–	1	20	–	–	–	–	–	–	–	–	–	2·88	17·61
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·64
12	–	–	–	–	–	–	–	1	2	–	–	–	–	–	–	–	–	–	0·05	17·66
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·68
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·70
15	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	0·02	17·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·72
17	–	–	–	33	45	60	16	2	2	–	–	–	–	–	35	60	58	–	5·18	17·73
18	–	14	60	60	48	28	–	–	–	–	–	–	–	–	–	–	–	–	3·50	17·74
19	–	–	–	–	–	–	7	–	–	–	8	–	5	–	–	–	–	–	0·33	17·74
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	–	–	0·13	17·75
21	–	–	–	–	18	1	–	–	1	30	3	–	–	–	–	–	–	–	0·88	17·75
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75
23	–	–	–	–	–	1	–	3	10	13	6	–	–	–	–	–	–	–	0·55	17·75
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·73
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16	57	40	–	1·88	17·72
28	–	28	60	60	60	60	60	60	60	60	60	60	57	30	10	50	16	–	13·18	17·71
29	–	15	58	60	16	–	–	–	45	50	56	1	38	32	5	–	–	–	6·27	17·69
30	–	–	–	45	–	30	35	30	15	–	–	42	37	40	28	–	–	–	5·03	17·67
31																				
SUMS. HOURS.	–	0·95	3·72	6·63	6·15	5·87	3·98	2·23	2·80	3·53	3·78	3·63	2·90	1·98	1·90	2·95	1·90	–	54·90	528·97

SUNSHINE—JULY 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	10	35	45	45	15	–	20	35	35	–	–	–	–	–	–	–	4·00	17.65
2	–	–	–	–	–	–	–	–	13	–	–	1	30	8	–	–	–	–	0·87	17·63
3	–	–	20	60	60	60	60	55	60	60	53	50	40	27	26	–	10	–	10·68	17·60
4	–	–	–	–	–	–	45	45	40	58	60	47	–	–	18	–	–	–	5·22	17·57
5	–	–	–	–	–	–	–	–	–	38	–	1	–	–	–	–	–	–	0·65	17·54
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·51
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·48
8	–	–	–	–	–	–	–	–	–	40	35	59	50	45	52	45	–	–	5·43	17·44
9	–	–	–	–	–	–	–	–	–	10	8	6	–	–	–	–	–	–	0·40	17·40
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·36
11	–	–	–	–	–	–	–	–	–	–	–	–	–	16	–	–	–	–	0·27	17·32
12	–	–	–	–	–	–	–	–	–	–	–	–	28	1	–	–	–	–	0·48	17·28
13	–	–	–	–	2	10	–	31	12	9	1	–	–	–	–	–	–	–	1·08	17·24
14	–	–	–	–	7	–	–	–	–	–	–	–	–	20	1	–	–	–	0·47	17·19
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·14
16	–	–	–	–	–	–	12	–	–	–	–	–	–	–	–	–	–	–	0·20	17·09
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·04
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·99
19	–	–	–	–	–	–	–	15	40	30	12	30	3	–	–	–	–	–	2·17	16·94
20	–	–	45	60	60	60	17	–	2	1	30	28	11	–	–	–	–	–	5·23	16·89
21	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	16·83
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·77
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·72
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·60
26	–	–	–	–	–	–	–	10	–	–	–	–	–	–	–	–	–	–	0·17	16·54
27	–	–	30	60	60	23	45	60	40	1	11	8	5	–	33	20	–	–	6·60	16·48
28	–	–	20	45	3	3	2	–	–	–	–	–	–	–	–	–	–	–	1·22	16·41
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·35
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·28
31	–	–	–	–	–	12	48	55	15	15	1	7	–	–	–	–	–	–	2·55	16·22
SUMS. HOURS.	–	–	2·08	4·33	3·95	3·55	4·07	4·52	4·03	4·95	4·10	3·95	2·78	1·95	2·17	1·08	0·17	–	47·69	528·16

SUNSHINE—AUGUST 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·15
2	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	16·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·02
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·95
5	–	–	–	–	–	15	20	–	–	5	3	18	25	–	–	–		–	1·43	15·88
6	–	–	–	–	–	–	2	12	17	36	52	50	30	30	60	40	–	–	5·48	15·81
7	–	–	–	–	15	13	1	–	–	–	–	–	1	–	–	–	–	–	0·50	15·74
8	–	–	–	60	50	10	2	60	60	53	16	–	22	57	20	–	–	–	6·83	15·67
9	–	–	–	3	36	60	60	52	55	60	60	58	60	60	50	–	–	–	10·23	15·60
10	–	–	–	28	17	40	37	12	28	3	20	18	–	–	–	–	–	–	3·38	15·52
11	–	–	–	–	–	–	–	3	10	2	–	–	–	1	–	–	–	–	0·27	15·45
12	–	–		32	60	55	40	2	–	–	–	2	–	–	–	–	–	–	3·18	15·38
13	–	–	–	–	–	–	10	10	–	–	–	–	–	–	–	–	–	–	0·33	15·31
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·16
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·09
17	–	–	–	60	60	50	15	25	–	–	–	–	–	–	–	–	–	–	3·50	15·01
18	–	–	–	–	–	–	–	–	–	20	40	–	–	–	–	–	–	–	1·00	14·94
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·87
20	–	–	10	60	60	60	60	58	40	–	–	–	–	–	–	–	–	–	5·80	14·79
21	–	–	–	3	28	55	60	60	60	60	60	60	60	60	60	33	–	–	10·98	14·71
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·64
23	–	–	–	–	–	–	–	–	–	17	35	14	–	–	–	–	–	–	1·10	14·56
24	–	–	–	–	–	–	–	–	–	–			–	–	–	–	–	–	–	14·48
25	–	–	–	–	–	–	–	–	–	8	–	–	–	–		–	–	–	0·13	14·40
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·25
28	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	–	–	0·07	14·17
29	–	–	–	–	–	–	–	–	8	–	–	–	–	–	–	–	–	–	0·13	14·10
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·03
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·95
SUMS. HOURS.	–	–	0·17	4·10	5·43	5·97	5·12	4·90	4·70	4·40	4·77	3·67	3·30	3·47	3·17	1·22	–	–	54·34	467·28

SUNSHINE—SEPTEMBER 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	30	60	60	60	48	55	45	12	55	–	–	–	–	–	–	7·08	13·87
2	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	0·07	13·78
3	–	–	–	–	–	–	3	14	–	–	–	–	–	–	–	–	–	–	0·28	13·70
4	–	–	–	–	–	12	–	1	20	–	–	17	15	3	–	–	–	–	1·13	13·62
5	–	–	–	–	–	–	–	–	–	–	–	–	1	4	–	–	–	–	0·08	13·54
6	–	–	–	–	–	–	–	20	33	55	55	35	–	–	–	–	–	–	3·30	13·46
7	–	–	–	–	–	5	4	45	2	30	2	–	–	–	–	–	–	–	1·47	13·38
8	–	–	–	–	32	60	33	–	–	–	–	–	–	–	–	–	–	–	2·08	13·30
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·22
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·14
11	–	–	–	–	3	60	60	60	60	58	58	37	–	–	–	–	–	–	6·60	13·07
12	–	–	–	–	40	60	60	60	60	60	60	60	60	40	–	–	–	–	9·33	12·99
13	–	–	–	–	45	60	60	60	60	60	60	60	60	40	–	–	–	–	9·42	12·91
14	–	–	–	–	45	60	60	60	60	60	60	60	60	30	–	–	–	–	9·25	12·84
15	–	–	–	–	35	60	60	60	60	60	60	–	–	–	–	–	–	–	6·58	12·76
16	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	–	–	0·08	12·68
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·60
18	–	–	–	–	–	–	2	14	–	–	–	–	8	–	–	–	–	–	0·40	12·52
19	–	–	–	–	38	60	60	60	60	47	20	56	20	–	–	–	–	–	7·02	12·44
20	–	–	–	–	–	–	–	–	–	–	17	15	33	17	–	–	–	–	1·37	12·36
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·28
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·20
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	12·12
24	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	12·04
25	–	–	–	–	–	–	–	–	–	–	–	–	14	–	–	–	–	–	0·23	11·96
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·88
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·64
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·56
31																				
SUMS. HOURS.	–	–	–	0·50	4·97	8·28	7·70	8·48	7·87	7·92	6·73	6·58	4·52	2·23	–	–	–	–	65·77	381·38

SUNSHINE—OCTOBER 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·48
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·40
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·32
4	–	–	–	–	–	20	40	60	30	–	–	–	–	–	–	–	–	–	2·50	11·24
5	–	–	–	–	20	60	60	60	60	60	60	60	60	14	–	–	–	–	8·57	11·17
6	–	–	–	–	45	60	60	60	60	60	60	60	60	38	–	–	–	–	9·38	11·09
7	–	–	–	–	20	60	60	60	60	60	60	60	58	15	–	–	–	–	8·55	11·01
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·93
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·85
10	–	–	–	–	–	–	–	–	–	–	53	5	–	–	–	–	–	–	0·97	10·77
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·62
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·54
14	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	0·02	10·46
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·38
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·22
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·14
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·06
20	–	–	–	–	–	30	35	–	–	–	–	–	–	–	–	–	–	–	1·08	9·98
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·90
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·83
23	–	–	–	–	–	–	25	20	10	–	–	–	–	–	–	–	–	–	0·92	9·75
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9.67
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·60
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·52
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·44
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·36
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·12
SUMS. HOURS.	–	–	–	–	1·42	3·83	4·67	4·33	3·67	3·02	3·88	3·08	2·97	1·12	–	–	–	–	31·99	319·32

SUNSHINE—NOVEMBER 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·05
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97
3	–	–	–	–	–	–	–	27	26	1	–	–	–	–	–	–	–	–	0·90	8·90
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·83
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·76
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·62
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·41
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·34
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·27
13	–	–	–	–	–	–	–	–	–	20	1	–	–	–	–	–	–	–	0·35	8·20
14	–	–	–	–	–	–	55	60	60	60	60	60	–	–	–	–	–	–	5·92	8·13
15	–	–	–	–	–	–	30	50	30	1	1	–	–	–	–	–	–	–	1·87	8·06
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·99
17	–	–	–	–	–	–	–	18	10	–	–	–	–	–	–	–	–	–	0·47	7·92
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·86
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·74
21	–	–	–	–	–	–	40	45	33	16	15	56	–	–	–	–	–	–	3·42	7·68
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62
23	–	–	–	–	–	–	45	60	60	60	9	33	–	–	–	–	–	–	4·45	7·56
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·50
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·40
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30
29	–	–	–	–	–	–	–	–	–	40	40	3	–	–	–	–	–	–	1·38	7·24
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SUMS. HOURS.	–	–	–	–	–	–	2·83	4·33	3·65	3·30	2·10	2·53	–	–	–	–	–	–	18·76	241·86

SUNSHINE—DECEMBER 1884.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·14
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
5	–	–	–	–	–	–	–	–	–	33	–	–	–	–	–	–	–	–	0·55	6·94
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·81
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
21	–	–	–	–	–	–	–	–	15	50	57	42	–	–	–	–	–	–	2·73	6·65
22	–	–	–	–	–	–	20	60	60	60	60	10	–	–	–	–	–	–	4·50	6·65
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
25	–	–	–	–	–	–	–	48	60	60	60	40	–	–	–	–	–	–	4·47	6·67
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·68
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
28	–	–	–	–	–	–	–	–	4	35	60	10	–	–	–	–	–	–	1·82	6·71
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
SUMS. HOURS.	–	–	–	–	–	–	0·33	1·80	2·32	3·97	3·95	1·70	–	–	–	–	–	–	14·07	210·18

SUNSHINE—JANUARY 1885.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·92
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·95
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·07
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·11
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·15
12	–	–	–	–	–	–	–	40	5	10	21	2	–	–	–	–	–	–	1·30	7·20
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·25
14	–	–	–	–	–	–	–	38	60	60	60	54	–	–	–	–	–	–	4·53	7·30
15	–	–	–	–	–	–	23	60	60	60	60	45	–	–	–	–	–	–	5·13	7·35
16	–	–	–	–	–	–	17	60	60	60	60	33	–	–	–	–	–		4·83	7·41
17	–	–	–	–	–	–	–	50	53	–	–	–	–	–	–	–	–	–	1·38	7·46
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·52
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·57
20	–	–	–	–	–	–	15	60	50	60	60	60	6	–	–	–	–	–	5·18	7·63
21	–	–	–	–	–	–	18	60	60	60	60	58	–	–	–	–	–	–	5·27	7·69
22	–	–	–	–	–	–	–	15	10	37	17	–	–	–	–	–	–	–	1·32	7·75
23	–	–	–	–	–	–	25	60	60	60	60	60	17	–	–	–	–	–	5·70	7·82
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·07
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·28
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35
SUMS. HOURS.	–	–	–	–	–	–	1·63	7·38	6·63	6·78	6·63	5·20	0·38	–	–	–	–	–	34·64	231·43

SUNSHINE—FEBRUARY 1885.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·49
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56
4	–	–	–	–	–	–	16	12	–	–	–	–	–	–	–	–	–	–	0·47	8·63
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70
6	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	8·78
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·85
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·92
9	–	–	–	–	–	–	–	2	–	5	–	–	–	–	–	–	–	–	0·12	9·00
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·08
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		9·16
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·23
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·31
14	–	–	–	–	–	–	–	–	10	–	7	–	–	–	–	–	–	–	0·28	9·39
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·47
16	–	–	–	–	–	20	60	60	60	60	60	60	60	25	–	–	–	–	7·75	9·55
17	–	–	–	–	–	18	60	37	–	–	–	–	–	–	–	–	–	–	1·92	9·63
18	–	–	–	–	–	42	53	60	60	60	35	7	–	–	–	–	–	–	5·28	9·70
19	–	–	–	–	–	–	–	–	–	–	17	–	–	2	–	–	–	–	0·32	9·78
20	–	–	–	–	–	–	–	2	7	15	12	26	14	–	–	–	–	–	1·27	9·86
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·94
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·02
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·10
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·18
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·26
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·34
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·42
28	–	–	–	–	–	–	–	10	6	3	5	12	4	–	–	–	–	–	0·67	10·50
29																				
30																				
31																				
SUMS. HOURS.	–	–	–	–	–	1·33	3·15	3·05	2·38	2·38	2·27	1·75	1·30	0·45	–	–	–	–	18·08	264·27

SUNSHINE—MARCH 1885.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	27	40	14	1	4	17	–	–	–	–	–	–	–	1·72	10·58
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·66
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·74
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·82
5	–	–	–	–	–	–	–	–	–	–	–	18	27	–	–	–	–	–	0·73	10·90
6	–	–	–	–		–	–	–	–	2	–	–	10	–	-	–	–	–	0·20	10·99
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·07
8	–	–	–	–	–	–	–	–	3	2	3	5	–	–	–	–	–	–	0·22	11·15
9	–	–	–	–	–	25	54	60	60	60	52	35	–	–	–	–	–	–	5·77	11·23
10	–	–	–	–	–	–	37	–	–	–	–	–	–	–	–	–	–	–	0·62	11·31
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·39
12	–	–	–	–	–	–	–	–	–	–	4	1	–	–	–	–	–	–	0·08	11·47
13	–	–	–	–	–	–	–	4	16	2	46	60	43	–	–	–	–	–	2·85	11·55
14	–	–	–	–	14	60	60	60	60	59	30	2	10	–	–	–	–	–	5·92	11·63
15	–	–	–	–	–	–	–	–	–	–	–	15	1	23	–	–	–	–	0·65	11·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·79
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·87
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·95
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·03
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·11
21	–	–	–	–	–	–	–	–	–	57	40	18	1	–	–	–	–	–	1·93	12·19
22	–	–	–	–	–	–	–	–	–	–	4	29	15	–	–	–	–	–	0·80	12·27
23	–	–	–	–	28	60	60	60	47	58	45	2	1	–	-	–	–	–	6·02	12·35
24	–	–	–	–	–	–	–	–	–	–	-	–	–	–	–	–	–	–	–	12·43
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·59
27	–	–	–	–	–	–	–	–	–	–	5	2	–	–	–	–	–	–	0·12	12·69
28	–	–	–	–	–	–	–	–	–	–	–	–	-	–	–	–	–	–	–	12·75
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83
30	–	–	–	–	14	60	60	60	60	60	60	60	60	6	–	–	–	–	8·33	12·91
31	–	–	–	–	–	-	–	–	–	–	–	–	–	-	–	–	–	–	–	12·99
Sums. Hours.	–	–	–	–	0·93	3·87	5·18	4·30	4·12	5·07	5·10	4·12	2·80	0·48	–	–	–	–	35·96	365·44

SUNSHINE—APRIL 1885.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	60	14	–	3	–	–	–	–	–	–	–	–	1·28	13·07
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·15
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·23
4	–	–	–	–	–	60	60	14	1	45	2	58	60	28	–	–	–	–	5·47	13·31
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·39
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·47
7	–	–	–	–	–	–	60	60	60	53	60	32	12	3	–	–	–	–	5·67	13·55
8	–	–	–	–	48	60	60	60	60	60	36	3	2	7	–	-	-	–	6·60	13·63
9	–	–	–	–	–	–	–	–	–	23	2	2	–	–	–	–	–	–	0·45	13·71
10	–	–	–	–	–	–	13	38	30	–	–	–	–	–	–	–	–	–	1·35	13·79
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	13·87
12	–	–	–	10	60	60	25	52	29	14	17	14	–	–	–	–	–	–	4·68	13·95
13	–	–	–	35	60	60	60	60	60	45	54	7	2	–	–	–	–	–	7·38	14·03
14	–	–	–	–	–	–	–	2	56	–	–	–	–	–	–	–	–	–	0·97	14·10
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·18
16	–	–	–	35	60	60	60	60	60	60	60	60	60	60	–	–	–	–	10·58	14·26
17	–	–	–	–	30	60	60	60	60	60	60	49	22	–	–	–	–	–	7·68	14·34
18	–	–	–	–	–	–	–	–	–	–	–	7	35	58	17	–	–	–	1·95	14·42
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·50
20	–	–	–	–	–	–	–	2	3	1	–	–	–	–	–	–	–	–	0·10	14·57
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·73
23	–	–	–	–	–	–	15	-	-	15	35	46	12	2	–	–	–	–	2·08	14·80
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	–	-	14·96
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·03
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	15·11
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	-	15·18
29	–	–	–	–	–	–	–	35	3	14	–	2	–	–	–	–	–	–	0·90	15·26
30	–	–	–	–	–	–	–	–	–	–	7	10	35	11	–	–	–	–	1·05	15·33
31																				
Sums. Hours.	–	–	–	1·33	4·30	6·00	7·88	7·62	7·03	6·55	5·55	4·83	4·00	2·82	0·28	–	–	–	58·19	426·45

SUNSHINE—MAY 1885.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·40
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·48
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·55
4	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	–	0·10	15·62
5	–	–	–	–	–	–	–	–	15	10	10	3	3	–	–	–	–	–	0·68	15·20
6	–	–	–	48	30	14	30	28	30	20	28	–	–	–	–	–	–	–	3·80	15·77
7	–	–	–	–	–	–	–	3	37	20	42	30	42	10	1	15	–	–	3·33	15·84
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·91
9	–	–	–	17	53	36	–	30	40	4	5	–	–	–	–	–	–	–	3·08	15·98
10	–	–	–	–	–	13	60	20	–	–	12	–	26	–	–	–	–	–	2·18	16·04
11	–	–	–	–	–	–	–	12	20	1	27	2	4	3	4	1	–	–	1·23	16·11
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·18
13	–	–	58	60	60	60	60	60	60	60	2	18	20	–	28	30	8	–	9·73	16·24
14	–	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	0·08	16·31
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·37
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·44
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·50
18	–	–	–	–	–	–	27	–	3	–	–	–	–	–	–	–	–	–	0·50	16·56
19	–	–	–	–	–	–	–	–	–	4	12	1	4	–	–	–	–	–	0·35	16·62
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·68
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·74
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·80
23	–	–	60	60	60	45	50	60	11	6	–	–	–	–	–	–	–	–	5·87	16·85
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·91
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·96
26	–	–	7	–	–	5	4	10	–	–	–	–	4	–	–	–	–	–	0·50	17·02
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·02
28	–	–	–	–	–	–	–	12	–	–	–	–	3	–	–	–	–	–	0·25	17·12
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·16
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·21
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·26
SUMS. HOURS.	–	–	2·08	3·08	3·38	2·88	3·85	4·02	3·60	2·17	2·30	0·90	1·77	0·22	0·55	0·77	0·13	–	31·68	508·40

SUNSHINE—JUNE 1885.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	7	5	20	3	–	–	2	–	–	–	–	–	0·62	17·30
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·34
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·38
4	–	–	–	–	60	40	–	–	–	–	–	–	–	–	–	–	–	–	1·67	17·42
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·46
6	–	–	–	–	–	–	–	2	30	37	56	40	57	48	60	60	53	–	7·38	17·49
7	–	–	–	36	55	58	–	–	–	–	–	5	60	47	20	–	–	–	4·68	17·52
8	–	–	52	60	60	60	59	30	40	50	25	49	13	10	7	–	–	–	8·58	17·55
9	–	–	–	–	1	47	50	–	4	28	21	60	56	60	59	60	55	15	8·60	17·58
10	–	–	–	20	30	40	32	1	–	17	20	30	33	52	55	58	12	–	6·67	17·61
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·64
12	–	–	60	18	3	60	58	57	4	–	–	31	43	–	–	–	–	–	5·57	17·66
13	–	–	–	–	–	–	–	–	–	–	–	–	3	48	25	2	–	–	1·30	17·68
14	–	16	5	25	–	3	6	13	–	–	–	22	1	–	12	1	–	–	1·73	17·70
15	–	–	–	–	–	–	11	14	29	15	30	–	–	–	–	–	–	–	1·65	17·71
16	–	–	–	–	–	–	–	–	1	4	3	9	5	–	–	–	–	–	0·37	17·72
17	–	–	–	–	–	5	4	5	18	–	–	–	–	–	–	–	–	–	0·53	17·73
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75
23	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	0·03	17·75
24	–	–	–	–	–	–	–	–	17	–	3	34	2	2	1	–	–	–	0·98	17·74
25	–	30	60	60	60	60	35	–	27	33	10	1	1	43	60	47	22	–	9·15	15·74
26	–	–	60	60	60	60	30	50	60	57	–	46	21	–	10	55	60	2	10·52	17·73
27	–	–	–	15	60	60	60	55	28	45	29	–	–	–	–	10	–	–	6·03	17·72
28	–	–	–	–	–	–	–	5	14	15	15	–	–	–	12	1	–	–	1·03	17·71
29	–	–	–	–	–	–	–	–	28	29	8	52	11	40	52	1	–	–	3·68	17·69
30	–	–	–	–	–	–	–	–	–	–	25	–	–	–	–	–	1	–	0·43	17·67
31																				
SUMS. HOURS.	–	0·77	·95	4·90	6·48	8·22	5·87	3·95	5·33	5·55	4·08	6·35	5·13	5·83	6·22	4·92	3·38	0·28	81·20	528·97

SUNSHINE—JULY 1885.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	6	38	60	60	60	60	40	44	6	6·23	17·65
2	–	37	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	18	15·92	17·63
3	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·05	17·60
4	–	–	–	–	–	–	–	–	15	–	–	–	–	–	–	–	–	–	0·25	17·57
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·54
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·51
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·48
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·40
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·36
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·32
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·28
13	–	–	20	60	5	–	–	2	–	46	16	12	–	–	–	–	–	–	2·68	17·24
14	–	16	37	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·88	17·19
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·14
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·09
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·04
18	–	–	15	60	60	2	–	–	–	–	–	–	–	–	–	–	–	–	2·28	16·99
19	–	–	55	60	60	60	30	–	7	30	2	4	15	–	–	–	39	–	6·03	16·94
20	–	16	60	60	58	–	28	37	30	60	55	56	29	–	10	45	41	–	9·75	16·89
21	–	15	60	60	60	40	47	60	60	60	60	60	60	60	60	60	52	–	14·57	16·83
22	–	–	–	–	–	10	28	30	18	3	1	–	–	–	13	–	–	–	1·72	16·77
23	–	–	40	52	60	60	60	60	55	40	36	54	55	60	60	60	52	–	13·40	16·72
24	–	20	60	60	60	60	60	60	60	60	60	60	60	50	30	–	–	–	12·67	16·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·60
26	–	–	–	60	60	50	15	25	35	40	7	–	–	–	–	–	–	–	4·87	16·54
27	–	20	60	60	60	60	60	48	52	45	22	33	60	58	60	40	53	–	13·18	16·48
28	–	8	60	60	60	60	60	55	16	15	60	60	60	60	60	60	60	–	13·57	16·41
29	–	–	52	60	60	60	60	60	60	60	60	60	60	60	60	60	58	–	14·82	16·35
30	–	10	60	60	60	60	60	60	60	60	60	60	60	60	60	60	39	–	14·83	16·28
31	–	–	45	60	60	60	60	60	60	60	60	60	60	60	60	60	33	–	14·30	16·22
SUMS. HOURS.	–	2·37	11·45	13·87	13·05	10·70	10·47	10·28	9·80	10·75	9·95	10·65	10·65	9·80	9·88	9·08	8·85	0·40	162·00	528·16

SUNSHINE—AUGUST 1885.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	5	60	60	60	60	60	60	60	60	60	60	40	30	56	50	28	–	13·48	16·15
2	–	–	54	46	37	10	2	45	16	32	–	3	–	–	–	28	–	–	4·55	16·09
3	–	–	–	40	7	2	–	5	–	–	–	–	–	–	–	–	–	–	0·90	16·02
4	–	–	–	–	–	–	–	25	10	49	20	8	–	2	7	15	–	–	2·27	15·95
5	–	–	–	60	60	50	60	60	60	60	60	60	60	60	60	60	30	–	13·33	15·88
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81
7	–	–	3	–	–	18	35	5	20	–	37	–	–	7	–	–	–	–	2·42	15·74
8	–	–	–	–	–	–	–	–	–	–	4	28	–	4	–	–	–	–	0·58	15·67
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·60
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·52
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·45
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·38
13	–	–	–	–	–	–	–	–	35	30	–	–	3	2	–	–	–	–	1·17	15·31
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24
15	–	–	–	–	4	4	–	12	40	1	–	–	–	–	–	–	–	–	1·02	15·16
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·09
17	–	–	–	–	–	–	–	3	2	40	31	60	60	60	60	20	–	–	5·60	15·01
18	–	–	–	–	16	60	60	60	60	55	48	32	58	60	60	60	2	–	10·48	14·94
19	–	–	30	60	60	60	60	60	60	60	58	31	7	45	12	30	–	–	10·55	14·87
20	–	–	30	60	60	60	60	58	60	60	50	60	60	22	35	5	4	–	11·40	14·79
21	–	–	–	30	57	60	60	60	60	60	60	60	60	60	60	55	–	–	12·37	14·71
22	–	–	–	–	–	–	–	–	–	30	14	–	–	25	–	–	–	–	1·15	14·64
23	–	–	18	60	60	60	60	60	60	45	16	–	–	28	60	2	–	–	8·82	14·56
24	–	–	–	25	60	60	60	48	–	–	–	–	–	–	–	–	–	–	4·22	14·48
25	–	–	–	–	–	2	–	2	5	6	–	–	–	–	–	–	–	–	0·25	14·40
26	–	–	–	–	–	–	–	10	25	5	1	16	–	–	–	–	–	–	0·95	14·32
27	–	–	–	–	–	–	–	2	5	–	–	–	–	4	1	–	–	–	0·20	14·25
28	–	–	–	–	–	–	–	–	–	2	50	60	52	60	25	3	–	–	4·20	14·17
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·10
30	–	–	–	–	–	–	–	8	6	20	45	45	55	60	28	–	–	–	4·45	14·03
31	–	–	–	–	30	60	50	30	54	–	–	3	4	–	–	–	–	–	3·35	13·95
SUMS. HOURS.	–	0·08	3·25	7·33	8·52	9·43	9·45	10·55	10·63	10·25	9·20	8·77	7·65	8·82	7·73	5·47	1·07	–	108·21	467·28

SUNSHINE—SEPTEMBER 1885.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	60	60	60	50	60	55	30	56	60	56	6	–	–	–	9·22	13·87
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·78
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·70
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·62
5	–	–	–	–	–	–	–	–	–	–	–	8	–	–	–	–	–	–	0·13	13·54
6	–	–	–	10	60	50	34	–	22	15	28	7	–	–	–	–	–	–	3·77	13·46
7	–	–	–	–	–	12	–	–	–	–	–	23	3	–	–	–	–	–	0·63	13·38
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·30
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·22
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·14
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·84
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·76
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·68
17	–	–	–	–	–	–	–	–	–	–	17	5	–	–	–	–	–	–	0·37	12·60
18	–	–	–	–	40	60	25	30	3	–	–	5	–	–	–	–	–	–	2·72	12·52
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·44
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·36
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·28
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·20
23	–	–	–	–	–	–	–	–	35	–	–	–	–	–	–	–	–	–	0·58	12·12
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·04
25	–	–	–	–	–	–	–	–	14	–	–	–	–	–	–	–	–	–	0·23	11·96
26	–	–	–	–	–	–	15	45	60	16	10	14	23	–	–	–	–	–	3·05	11·88
27	–	–	–	–	45	32	38	60	60	40	–	–	–	–	–	–	–	–	4·58	11·80
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·64
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·56
31																				
SUMS. HOURS.	–	–	–	0·17	3·42	3·57	2·87	3·08	4·23	2·10	1·42	1·97	1·43	0·93	0·10	–	–	–	25·28	381·38

SUNSHINE—OCTOBER 1885.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·48
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·40
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·32
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·24
5	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	0·03	11·17
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09
7	–	–	–	–	–	–	–	–	3	12	3	–	–	–	–	–	–	–	0·30	11·01
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·93
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·85
10	–	–	–	–	–	–	–	–	25	10	28	32	2	–	–	–	–	–	1·62	10·77
11	–	–	–	–	–	–	–	–	35	1	5	–	–	–	–	–	–	–	0·68	10·69
12	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	0·03	10·62
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·54
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46
15	–	–	–	–	–	–	–	–	13	–	–	–	–	–	–	–	–	–	0·22	10·38
16	–	–	–	–	40	60	60	60	60	10	32	32	–	–	–	–	–	–	5·90	10·30
17	–	–	–	–	–	–	35	60	60	40	10	–	–	–	–	–	–	–	3·42	10·22
18	–	–	–	–	–	20	–	–	11	42	60	60	60	12	–	–	–	–	4·42	10·14
19	–	–	–	–	2	25	52	35	30	–	–	–	–	–	–	–	–	–	2·40	10·06
20	–	–	–	–	–	–	–	28	57	–	17	–	–	–	–	–	–	–	1·70	9·98
21	–	–	–	–	17	60	58	28	45	30	8	33	–	–	–	–	–	–	4·65	9·90
22	–	–	–	–	–	60	60	60	48	60	40	2	–	–	–	–	–	–	5·50	9·83
23	–	–	–	–	–	–	20	50	46	47	–	–	–	–	–	–	–	–	2·72	9·75
24	–	–	–	–	–	–	–	40	60	60	30	52	55	–	–	–	–	–	4·95	9·67
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·60
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·52
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·44
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·36
29	–	–	–	–	–	–	50	60	60	60	60	56	60	–	–	–	–	–	6·77	9·28
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·12
SUMS. HOURS.	–	–	–	–	0·98	3·75	5·62	7·02	9·22	6·20	4·92	4·45	2·95	0·20	–	–	–	–	45·31	319·32

SUNSHINE—NOVEMBER 1885.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·05
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·90
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·83
5	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	0·03	9·76
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·62
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55
9	–	–	–	–	–	–	–	–	–	–	36	60	15	–	–	–	–	–	1·85	8·48
10	–	–	–	–	–	20	60	60	60	60	60	60	39	–	–	–	–	–	6·98	8·41
11	–	–	–	–	–	46	60	60	60	60	60	60	42	–	–	–	–	–	7·47	8·34
12	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	8·27
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·20
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13
15	–	–	–	–	–	40	60	60	60	60	60	60	46	–	–	–	–	–	7·43	8·06
16	–	–	–	–	–	–	48	60	60	60	60	60	29	–	–	–	–	–	6·28	7·99
17	–	–	–	–	–	25	60	60	60	60	60	60	40	–	–	–	–	–	7·08	7·92
18	–	–	–	–	–	37	60	60	60	60	60	60	38	–	–	–	–	–	7·25	7·86
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·74
21	–	–	–	–	–	–	18	4	30	8	4	29	–	–	–	–	–	–	1·55	7·68
22	–	–	–	–	–	25	14	50	60	60	60	60	10	–	–	–	–	–	5·65	7·62
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·56
24	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	7·50
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·40
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19
31																				
Sums. Hours.	–	–	–	–	–	3·22	6·33	6·90	7·50	7·17	7·67	8·48	4·32	–	–	–	–	–	51·57	241·86

SUNSHINE—DECEMBER 1885.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·14
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
5	–	–	–	–	–	–	–	–	–	–	–	19	–	–	–	–	–	–	0·32	6·94
6	–	–	–	–	–		–	20	14	–	28	36	–	–	–	–	–	–	1·63	6·90
7	–	–	–	–	–	–	–	–	45	40	–	–	–	–	–	–	–	–	1·42	6·87
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
10	–	–	–	–	–	–	47	60	60	60	60	23	–	–	–	–	–	–	5·17	6·81
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73
15	–	–	–	–	–	–	–	5	14	45	2	–	–	–	–	–	–	–	1·10	6·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
17	–	–	–	–	–	–	–	–	–	3	12	–	–	–	–	–	–	–	0·25	6·68
18	–	–	–	–	–	–	45	56	60	60	60	55	–	–	–	–	–	–	5·60	6·67
19	–	–	–	–	–	–	48	60	60	60	60	55	–	–	–	–	–	–	5·72	6·66
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67
26	–	–	–	–	–	–	–	8	32	17	4	–	–	–	–	–	–	–	1·02	6·68
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
Sums. Hours.	–	–	–	–	–	–	2·33	3·48	4·75	4·75	3·77	3·13	–	–	–	–	–	–	22·23	210·18

SUNSHINE—JANUARY 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·92
6	–	–	–	–	–	–	35	60	60	60	60	60	2	–	–	–	–	–	5·62	6·95
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·03
9	–	–	–	–	–	–	–	22	–	–	–	–	–	–	–	–	–	–	0·37	7·07
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·11
11	–	–	–	–	–	–	–	–	–	–	–	12	–	–	–	–	–	–	0·20	7·15
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·20
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·25
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·41
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·46
18	–	–	–	–	–	–	–	55	60	60	30	48	18	–	–	–	–	–	4·52	7·52
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·57
20	–	–	–	–	–	–	45	58	12	18	54	58	26	–	–	–	–	–	4·52	7·63
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·69
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·75
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·82
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·07
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	8·28
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35
Sums. Hours.	–	–	–	–	–	–	1·33	3·25	2·20	2·30	2·40	2·97	0·77	–	–	–	–	–	15·23	231·43

SUNSHINE—FEBRUARY 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	27	56	–	–	–	–	–	–	–	1·38	8·42
2	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	0·02	8·49
3	–	–	–	–	–	20	60	60	60	60	60	60	60	–	–	–	–	–	7·33	8·56
4	–	–	–	–	–	20	60	60	60	60	60	60	60	–	–	–	–	–	7·33	8·63
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·70
6	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	0·05	8·78
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·85
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·92
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·00
10	–	–	–	–	–	–	2	15	7	–	–	–	–	–	–	–	–	–	0·40	9·08
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·16
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·23
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·31
14	–	–	–	–	–	–	–	–	18	–	–	–	–	–	–	–	–	–	0·30	9·39
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·47
16	–	–	–	–	–	6	58	60	60	60	60	60	60	60	–	–	–	–	8·07	9·55
17	–	–	–	–	–	58	60	60	60	60	60	60	60	60	–	–	–	–	8·97	9·63
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·70
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·78
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·86
21	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	0·07	9·94
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·02
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·10
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·18
25	–	–	–	–	–	50	60	59	60	60	60	60	60	60	12	–	–	–	9·02	10·26
26	–	–	–	–	–	2	–	–	–	7	–	–	–	–	–	–	–	–	0·15	10·34
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·42
28	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·50
29																				
30																				
31																				
Sums. Hours.	–	–	–	–	–	2·60	5·00	5·27	5·47	5·60	5·93	5·00	5·00	3·00	0·20	–	–	–	43·09	264·27

SUNSHINE—MARCH 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·58
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·66
3	–	–	–	–	–	–	–	60	53	4	–	–	–	–	–	–	–	–	1·95	10·74
4	–	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	0·07	10 82
5	–	–	–	–	7	–	–	–	–	–	–	–	–	–	–	–	–	–	0·12	10·90
6	–	–	–	–	–	–	–	–	3	12	2	–	–	–	–	–	–	–	0·28	10·99
7	–	–	–	–	–	–	32	60	45	25	40	22	17	–	–	–	–	–	4·02	11·07
8	–	–	–	–	–	–	–	–	20	–	16	42	2	3	–	–	–	–	1·38	11·15
9	–	–	–	–	20	48	60	60	55	50	–	–	1	40	–	–	–	–	5·57	11·23
10	–	–	–	–	22	60	60	60	60	60	60	58	34	6	–	–	–	–	8·00	11·31
11	–	–	–	–	40	60	60	60	60	60	60	60	60	60	12	–	–	–	9·87	11·39
12	–	–	–	–	45	60	60	60	60	60	60	60	60	60	13	–	–	–	9·97	11·47
13	–	–	–	–	30	60	60	28	–	–	–	–	–	–	–	–	–	–	2·97	11·55
14	–	–	–	–	–	–	60	60	33	14	–	–	–	–	–	–	–	–	2·78	11·63
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·71
16	–	–	–	–	–	–	–	–	–	2	–	5	–	–	–	–	–	–	0·12	11·79
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·87
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·95
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·03
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·11
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·19
22	–	–	–	–	–	–	–	16	30	13	–	–	–	–	–	–	–	–	0·98	12·27
23	–	–	–	–	–	–	–	–	18	8	16	13	–	–	–	–	–	–	0·92	12·35
24	–	–	–	–	–	–	–	–	–	12	15	3	–	–	–	–	–	–	0·50	12·43
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·59
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·67
28	–	–	–	–	–	–	28	6	17	3	–	–	–	–	–	–	–	–	0·90	12·75
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99
SUMS. HOURS.	–	–	–	–	2·73	4·80	7·00	7·83	7·57	5·38	4·48	4·38	2·97	2·82	0·42	–	–	–	50·40	365·44

SUNSHINE—APRIL 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	3	25	8	–	–	–	–	0·60	13·07
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·15
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·23
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·31
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·39
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·47
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·55
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·63
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·71
10	–	–	–	–	–	2	48	60	60	40	–	–	–	12	–	–	–	–	3·70	13·79
11	–	–	–	–	10	16	7	13	–	18	54	60	17	30	–	1	–	–	3·77	13·87
12	–	–	–	57	60	60	60	60	60	60	60	54	27	–	–	–	–	–	9 30	13·95
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14 03
14	–	–	–	–	–	–	48	60	45	11	–	–	–	–	–	–	–	–	2·73	14·10
15	–	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	0·10	14·18
16	–	–	–	50	60	60	60	60	60	60	48	18	56	60	60	–	–	–	10·87	14·26
17	–	–	–	13	45	28	45	37	12	18	3	–	–	–	–	–	–	–	3·35	14·34
18	–	–	–	–	5	–	7	–	–	–	15	27	–	–	–	–	–	–	0·90	14·42
19	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	0·02	14·50
20	–	–	–	–	–	–	–	–	–	–	–	–	–	22	20	–	–	–	0·70	14·57
21	–	–	17	22	50	60	60	60	60	60	60	60	60	60	60	45	–	–	12·23	14·65
22	–	–	40	60	60	60	60	60	60	60	60	60	60	60	60	58	–	–	13·63	14·73
23	–	–	40	60	40	60	45	45	40	–	–	–	1	–	–	–	–	–	5·52	14·80
24	–	–	28	50	29	35	25	12	1	–	–	–	–	–	–	–	–	–	3·00	14·88
25	–	–	–	–	36	60	60	60	57	13	4	40	14	50	17	12	–	–	7·05	14·96
26	–	–	–	2	52	33	–	10	7	3	11	9	30	45	5	–	–	–	3·45	15·03
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·11
28	–	–	–	60	60	60	60	60	60	48	24	20	22	47	28	53	–	–	10·03	15·18
29	–	–	23	60	60	60	30	17	5	40	26	32	3	38	60	22	3	–	7·98	15·26
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·33
31																				
SUMS. HOURS.	–	–	2·47	7·23	9·45	9·90	10·25	10·23	8·88	7·18	6·08	6·38	5·27	7·20	5·17	3·18	0·05	–	98·93	426·45

SUNSHINE—MAY 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	20	60	13	20	20	14	48	45	55	54	53	22	60	60	–	–	9·07	15·40
2	–	–	–	–	–	20	12	–	–	–	–	–	–	–	–	–	–	–	0·53	15·48
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·55
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·62
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·70
6	–	–	–	–	–	–	–	–	–	–	–	–	14	45	50	55	22	–	3·10	15·77
7	–	–	–	–	2	–	–	12	8	15	–	–	–	–	–	–	–	–	0·62	15·84
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·91
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·98
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·04
11	–	–	–	–	–	–	–	2	13	–	–	–	–	–	–	–	–	–	0·25	16·11
12	–	–	–	–	2	–	–	1	1	1	2	–	–	–	–	–	–	–	0·12	16·18
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	0·02	16·24
14	–	–	–	–	–	–	8	30	38	14	–	–	5	3	20	–	–	–	1·97	16·31
15	–	–	–	–	–	–	–	–	–	–	9	16	6	3	–	–	–	–	0·57	16·37
16	–	6	28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·57	76·44
17	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	16·50
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·56
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·62
20	–	20	60	45	15	60	47	6	–	–	–	–	–	–	–	–	–	–	4·22	16·68
21	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	0·07	16·74
22	–	16	60	55	60	50	60	60	45	60	60	60	60	60	60	–	–	–	12·77	16·80
23	–	–	47	60	60	60	60	60	60	52	36	–	–	50	6	–	–	–	9·18	16·85
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·91
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·96
26	–	–	–	–	–	–	–	10	3	–	1	3	1	40	40	10	–	–	1·80	17·02
27	–	10	60	60	60	60	60	35	19	50	57	9	–	–	–	–	–	–	8·00	17·07
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·12
29	–	–	32	40	50	40	8	7	2	25	17	–	–	–	–	–	–	–	3·68	17·16
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·21
31	–	–	–	–	–	4	17	22	47	55	60	60	59	60	58	60	23	–	8·75	17·26
SUMS. HOURS.	–	0·87	5·12	5·33	4·37	5·23	4·87	4·32	4·73	5·28	5·02	3·37	3·30	4·72	4·92	3·08	0·75	–	65·29	508·40

SUNSHINE—JUNE 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	10	60	60	60	45	35	–	30	38	49	11	–	2	27	30	–	–	7·62	17·30
2	–	–	–	–	–	3	20	–	–	–	–	–	–	–	–	–	–	–	0·38	17·34
3	–	–	15	40	46	10	15	–	–	–	–	17	–	30	5	–	–	–	2·97	17·38
4	–	–	36	60	60	60	60	50	50	60	50	60	60	60	33	–	–	–	11·65	17·42
5	–	–	–	–	–	26	3	–	–	–	–	–	–	–	–	–	–	–	0·48	17·46
6	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	0·02	17·49
7	–	–	40	60	60	60	60	60	60	60	58	60	60	60	60	60	3	–	13·68	17·52
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·55
9	–	–	–	–	–	–	–	5	–	–	–	–	–	35	20	2	–	–	1·03	17·58
10	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	0·03	17·61
11	–	–	–	–	–	1	35	35	30	22	1	–	–	–	–	–	–	–	2·07	17·64
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·66
13	–	–	–	–	–	7	2	7	–	–	–	–	–	–	–	–	–	–	0·27	17·68
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·70
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·72
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·73
18	–	–	10	12	47	44	20	25	25	5	30	–	40	60	60	48	–	–	7·10	17·74
19	–	–	4	56	60	60	60	60	60	50	28	13	5	60	60	33	–	–	10·15	17·74
20	–	8	60	60	60	60	60	60	60	60	60	60	60	60	60	60	20	–	14·47	17·75
21	–	–	24	–	17	2	–	–	–	–	–	–	–	–	–	–	–	–	0·72	17·75
22	–	–	–	25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·42	17·75
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·75
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·74
25	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	17·74
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·73
27	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	0·03	17·72
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·71
29	–	–	–	–	–	–	–	–	40	33	1	–	–	–	–	–	–	–	1·23	17·69
30	–	–	60	60	60	60	60	60	50	55	60	60	60	60	60	60	60	1	14·77	17·67
31																				
SUMS. HOURS.	–	0·30	5·15	7·22	7·83	7·30	7·18	6·05	6·75	6·43	5·62	4·68	4·75	7·12	6·42	4·88	1·38	0·02	89·09	528·97

SUNSHINE—JULY 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	25	60	50	20	14	60	59	60	60	60	60	56	60	28	–	–	–	11·20	17·65
2	–	15	60	60	60	40	6	–	–	–	–	–	–	–	–	–	–	–	4·02	17·63
3	–	–	–	–	–	–	–	–	–	–	–	–	59	60	30	2	–	–	2·52	17·60
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·57
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·54
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·51
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·48
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·44
9	–	53	60	48	58	60	50	46	18	25	57	11	–	–	–	–	–	–	8·10	17·40
10	–	–	–	–	45	53	50	–	–	–	–	–	–	–	–	–	–	–	2·47	17·36
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·32
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·28
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·24
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·19
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·14
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·09
17	–	–	–	–	–	–	–	7	–	28	33	42	32	60	60	60	54	16	6·53	17·04
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·99
19	–	–	–	–	–	–	16	60	60	60	11	38	40	43	3	8	11	–	5·83	16·94
20	–	–	–	–	–	–	–	10	17	–	–	2	15	55	2	–	–	–	1·68	16·89
21	–	–	–	–	–	23	60	56	40	–	–	–	–	–	–	–	–	–	2·98	16·83
22	–	–	–	–	–	–	–	–	–	–	47	3	–	–	–	–	–	–	0·83	16·77
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·72
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·60
26	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·02	16·54
27	–	–	–	–	–	–	–	–	–	–	9	–	–	–	–	3	–	–	0·20	16·48
28	–	–	–	–	–	–	–	–	5	–	2	3	–	3	12	–	–	–	0·42	16·41
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·35
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·28
31	–	–	–	–	–	–	–	3	–	–	–	4	–	–	6	–	–	–	0·22	16·22
SUMS. HOURS.	–	1·55	3·00	2·65	3·05	3·17	4·03	4·02	3·33	2·88	3·65	2·72	3·37	4·68	2·35	1·22	1·08	0·27	47·02	528·16

SUNSHINE—AUGUST 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·15
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·09
3	–	–	–	–	–	–	37	58	55	7	40	–	–	–	–	–	–	–	3·28	16·02
4	–	–	47	21	28	4	12	13	40	10	–	–	21	37	28	3	–	–	4·40	15·95
5	–	–	–	6	3	–	–	–	1	–	–	–	–	–	–	–	–	–	0·17	15·88
6	–	–	–	15	–	–	–	–	–	–	–	19	56	37	30	25	–	–	3·03	15·81
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·74
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·67
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·60
10	–	–	–	–	–	–	–	–	40	–	–	–	–	–	–	–	–	–	0·67	15·52
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·45
12	–	–	–	–	–	–	–	–	–	–	–	14	1	–	–	–	–	–	0·25	15·38
13	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	1	2	–	0·15	15·31
14	–	–	–	–	–	–	–	4	17	24	47	60	51	37	–	–	–	–	4·00	15·24
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·16
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·09
17	–	–	–	–	–	–	–	–	–	9	–	50	2	33	–	–	–	–	1·57	15·01
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·94
19	–	–	24	60	60	60	60	60	60	60	60	60	60	60	35	3	–	–	12·03	14·87
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·79
21	–	–	–	–	–	9	3	–	–	–	–	–	–	–	–	–	–	–	0·20	14·71
22	–	–	3	60	60	60	60	60	60	60	60	60	60	60	12	–	–	–	11·25	14·64
23	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	0·03	14·56
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·48
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·40
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·25
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·17
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·10
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·03
31	–	–	–	–	–	–	–	–	–	2	–	3	–	–	–	–	–	–	0·08	13·95
SUMS. HOURS.	–	–	1·23	2·70	2·52	2·22	2·87	3·35	4·58	2·87	3·45	4·43	4·18	4·40	1·75	0·53	0·03	–	41·11	467·28

Sunshine—SEPTEMBER 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·87
2	–	–	–	–	–	–	–	40	32	7	–	20	–	–	–	–	–	–	1·65	13·78
3	–	–	–	–	60	60	60	60	60	60	60	60	60	46	23	–	–	–	10·15	13·70
4	–	–	–	17	60	60	60	60	60	60	60	60	60	60	60	18	–	–	11·58	13·62
5	–	–	–	–	–	–	–	–	2	20	–	–	–	–	–	–	–	–	0·37	13·54
6	–	–	–	–	–	–	4	17	–	–	–	–	–	–	–	–	–	–	0·35	13·46
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·38
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·30
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·22
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·14
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·07
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·91
14	–	–	–	–	–	–	–	–	–	1	7	–	2	2	–	–	–	–	0·20	12·84
15	–	–	–	–	23	40	58	54	39	38	37	56	58	40	–	–	–	–	7·38	12·76
16	–	–	–	7	52	60	60	60	60	60	60	60	60	60	58	2	–	–	10·98	12·68
17	–	–	–	60	60	60	60	60	60	60	60	60	60	60	32	–	–	–	11·53	12·60
18	–	–	–	–	–	–	–	3	–	17	24	2	–	–	–	–	–	–	0·77	12·52
19	–	–	–	16	60	60	60	60	60	60	23	–	–	–	–	–	–	–	6·65	12·44
20	–	–	–	–	32	7	8	5	–	–	–	7	9	–	–	–	–	–	1·13	12·36
21	–	–	–	–	–	–	4	7	1	14	5	1	3	–	–	–	–	–	0·58	12·28
22	–	–	–	–	–	13	3	–	–	2	14	10	–	–	–	–	–	–	0·70	12·20
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·12
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·04
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·96
26	–	–	–	–	–	–	–	–	–	7	18	–	–	–	–	–	–	–	0·42	11·88
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·80
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·72
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·64
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·56
31																				
Sums.	–	–	–	1·67	5·78	6·00	6·28	7·10	6·23	6·77	6·13	5·60	5·20	4·47	2·88	0·33	–	–	64·44	381·38
Hours.																				

Sunshine—OCTOBER 1886.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	5	20	–	–	–	–	–	–	–	–	–	–	0·42	11·48
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·40
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·32
4	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	–	–	–	0·10	11·24
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·17
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09
7	–	–	–	–	–	–	–	1	27	52	6	47	27	–	–	–	–	–	2·67	11·01
8	–	–	–	–	–	–	–	–	–	–	–	16	–	–	–	–	–	–	0·27	10·93
9	–	–	–	–	–	–	–	55	56	60	17	–	–	–	–	–	–	–	3·13	10·85
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·77
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·69
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·62
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·54
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·38
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·30
17	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	0·03	10·22
18	–	–	–	–	–	–	–	–	–	–	7	–	–	–	–	–	–	–	0·12	10·14
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·06
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·98
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·90
22	–	–	–	–	–	–	20	10	12	28	60	60	42	–	–	–	–	–	3·87	9·83
23	–	–	–	–	–	60	40	16	–	–	4	–	15	10	–	–	–	–	2·42	9·75
24	–	–	–	–	–	–	–	–	–	–	1	8	–	–	–	–	–	–	0·15	9·67
25	–	–	–	–	–	–	–	–	–	–	–	22	54	26	–	–	–	–	1·70	9·60
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·52
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·44
28	–	–	–	–	–	–	–	–	–	–	–	42	43	–	–	–	–	–	1·42	9·36
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20
31	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	0·03	9·12
Sums.	–	–	–	–	–	1·10	1·12	1·70	1·62	2·33	1·58	3·25	3·02	0·60	–	–	–	–	16·33	319·32
Hours.																				

SUNSHINE—NOVEMBER 1886.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	0·03	9·05
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·90
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·83
5	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	0·02	8·76
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·62
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·55
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·48
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·41
11	–	–	–	–	–	7	–	–	–	–	–	–	–	–	–	–	–	–	0·12	8·34
12	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	0·03	8·27
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·20
14	–	–	–	–	–	27	23	–	–	–	–	–	–	–	–	–	–	–	0·83	8·13
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·06
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·99
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·92
18	–	–	–	–	–	2	26	60	60	60	60	37	3	–	–	–	–	–	5·13	7·86
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·80
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·74
21	–	–	–	–	–	45	60	60	60	60	60	56	27	–	–	–	–	–	7·13	7·68
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62
23	–	–	–	–	–	–	–	–	–	–	28	35	–	–	–	–	–	–	1·05	7·56
24	–	–	–	–	–	12	45	47	27	47	57	58	1	–	–	–	–	–	4·90	7·50
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·40
27	–	–	–	–	–	–	–	–	–	10	–	–	–	–	–	–	–	–	0·17	7·35
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·24
30	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–	0·05	7·19
31																				
SUMS. HOURS.	–	–	–	–	–	1·55	2·57	2·78	2·45	3·00	3·48	3·10	0·53	–	–	–	–	–	19·46	241·86

SUNSHINE—DECEMBER 1886.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	10	5	2	–	–	–	–	–	–	–	–	–	0·28	7·14
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04
4	–	–	–	–	–	–	–	–	–	–	11	5	–	–	–	–	–	–	0·27	6·99
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·94
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·81
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·79
12	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	0·07	6·77
13	–	–	–	–	–	–	3	53	60	60	60	60	10	–	–	–	–	–	5·10	6·75
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73
15	–	–	–	–	–	–	–	15	45	17	6	–	–	–	–	–	–	–	1·38	6·71
16	–	–	–	–	–	–	–	12	52	60	21	20	–	–	–	–	–	–	2·75	6·69
17	–	–	–	–	–	–	–	–	–	20	18	22	–	–	–	–	–	–	1·00	6·68
18	–	–	–	–	–	–	–	–	–	–	–	6	–	–	–	–	–	–	0·10	6·67
19	–	–	–	–	–	–	35	38	–	–	–	–	–	–	–	–	–	–	1·22	6·66
20	–	–	–	–	–	–	50	60	60	22	50	31	–	–	–	–	–	–	4·55	6·65
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
24	–	–	–	–	–	–	–	–	–	–	2	1	–	–	–	–	–	–	0·05	6·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67
26	–	–	–	–	–	–	–	5	–	–	25	22	–	–	–	–	–	–	0·87	6·68
27	–	–	–	–	–	–	12	–	–	–	–	–	–	–	–	–	–	–	0·20	6·69
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·71
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·73
30	–	–	–	–	–	–	–	–	12	45	43	46	18	–	–	–	–	–	2·73	6·75
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
SUMS. HOURS.	–	–	–	–	–	–	1·83	3·13	3·85	3·73	4·00	3·55	0·47	–	–	–	–	–	20·57	210·18

SUNSHINE—JANUARY 1887.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·80
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·83
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·86
4	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·89
5	–	–	–	–	–	–	–	–	8	33	26	–	–	–	–	–	–	–	1·12	6·92
6	–	–	–	–	–	–	–	–	20	57	1	–	–	–	–	–	–	–	1·30	6·95
7	–	–	–	–	–	–	–	7	–	33	40	44	23	–	–	–	–	–	2·45	6·99
8	–	–	–	–	–	–	37	60	60	60	60	60	46	–	–	–	–	–	6·38	7·03
9	–	–	–	–	–	–	–	–	–	4	1	–	–	–	–	–	–	–	0·08	7·07
10	–	–	–	–	–	–	42	60	60	60	41	32	–	–	–	–	–	–	4·92	7·11
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·15
12	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	7·20
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·25
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30
15	–	–	–	–	–	–	55	60	60	60	60	60	54	–	–	–	–	–	6·82	7·35
16	–	–	–	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	0·10	7·41
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·46
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·52
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·57
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·63
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·69
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·75
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·82
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·94
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·01
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·07
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·14
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·21
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·28
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·35
SUMS. HOURS.	–	–	–	–	–	–	2·23	3·12	3·47	5·12	3·92	3·27	2·05	–	–	–	–	–	23·17	231·43

SUNSHINE—FEBRUARY 1887.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·42
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·49
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·56
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·63
5	–	–	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	0·08	8·70
6	–	–	–	–	–	13	60	60	60	60	60	60	60	30	–	–	–	–	7·72	8·78
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·85
8	–	–	–	–	–	30	60	60	60	60	60	60	60	10	–	–	–	–	7·67	8·92
9	–	–	–	–	–	30	60	60	60	60	60	60	60	30	–	–	–	–	8·00	9·00
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·08
11	–	–	–	–	–	–	–	–	–	1	4	5	44	–	–	–	–	–	0·90	9·16
12	–	–	–	–	–	3	50	60	60	60	60	15	30	–	–	–	–	–	5·63	9·23
13	–	–	–	–	–	–	–	–	2	50	38	–	–	–	–	–	–	–	1·50	9·31
14	–	–	–	–	–	–	40	15	18	–	–	–	–	–	–	–	–	–	1·22	9·39
15	–	–	–	–	–	24	–	–	8	60	49	16	–	38	–	–	–	–	3·25	9·47
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·55
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·63
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·70
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·78
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·86
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·94
22	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	10·02
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·10
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·18
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·26
26	–	–	–	–	–	–	45	60	60	59	58	57	51	15	–	–	–	–	6·75	10·34
27	–	–	–	–	–	20	60	60	60	60	52	17	32	60	7	–	–	–	7·13	10·42
28	–	–	–	–	–	–	–	4	60	60	60	60	60	60	30	–	–	–	6·57	10·50
29																				
30																				
31																				
SUMS. HOURS.	–	–	–	–	–	2·00	6·25	6·32	7·47	8·83	8·43	5·83	6·62	4·05	0·62	–	–	–	56·42	264·27

SUNSHINE—MARCH 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	5	21	46	32	10	–	–	–	–	–	1·90	10·58
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·66
3	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	.	0·03	10·74
4	–	–	–	–	–	–	–	10	57	53	30	60	55	20	35	–	–	–	5·33	10·82
5	–	–	–	–	20	60	60	60	60	60	60	60	60	60	25	–	–	–	9·75	10·90
6	–	–	–	–	–	20	28	30	55	–	2	60	60	60	20	–	–	–	5·58	10·99
7	–	–	–	–	–	–	28	60	58	58	59	59	58	8	15	7	–	–	6·72	11·07
8	–	–	–	–	–	40	60	60	60	60	60	31	–	–	–	–	–	–	6·18	11·15
9	–	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–	–	–	0·63	11·23
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·31
11	–	–	–	–	–	–	–	–	–	–	–	.	–	–	–	–	–	–	–	11·39
12	–	–	–	–	28	60	60	60	60	60	60	60	60	48	55	–	–	–	10·18	11·47
13	–	–	–	–	–	–	–	20	3	–	–	11	–	–	–	–	–	–	0·57	11·55
14	–	–	–	–	–	–	40	60	60	35	12	57	15	–	–	–	–	–	4·65	11·63
15	–	–	–	–	–	–	48	30	58	60	60	60	60	53	40	–	–	–	7·82	11·71
16	–	–	–	–	60	60	60	60	28	1	–	–	–	–	–	–	–	–	4·48	11·79
17	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	0·05	11·87
18	–	–	–	–	–	–	–	–	3	4	–	56	30	–	–	–	–	–	1·55	11·95
19	–	–	–	–	–	2	10	1	–	1	–	1	–	48	48	–	–	–	1·85	12·03
20	–	–	–	–	–	–	–	–	–	–	–	29	6	–	–	–	–	–	0·58	12·11
21	–	–	–	–	50	60	60	60	60	31	2	–	–	1	4	–	–	–	5·47	12·19
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.	–	–	–	–	12·27
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.	12·35
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·43
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·51
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·59
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·67
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·75
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·83
30	–	–	–	–	3	1	–	8	12	–	–	–	6	–	–	–	–	–	0·50	12·91
31	–	–	–	–	–	–	–	–	–	–	–	–	28	–	2	–	–	–	0·50	12·99
SUMS. HOURS.	–	–	–	–	2·68	5·05	7·57	8·65	10·28	7·43	6·57	9·60	7·47	4·97	4·07	–	–	–	74·32	365·44

SUNSHINE—APRIL 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	2	56	60	60	60	35	–	3	22	1	–	–	–	–	–	4·98	13·07
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·15
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.	–	–	13·23
4	–	–	–	–	–	–	–	–	20	–	2	–	–	16	–	–	–	–	0·63	13·31
5	–	–	–	–	–	–	–	–	–	4	–	–	7	–	30	–	–	–	0·68	13·39
6	–	–	–	–	32	38	47	52	58	60	53	10	–	–	–	–	–	–	5·83	13·47
7	–	–	–	–	–	–	–	–	–	5	1	–	7	6	–	1	–	–	0·33	13·55
8	–	–	–	–	60	60	60	60	60	60	60	60	59	60	53	2	–	–	10·90	13·63
9	–	–	–	25	60	60	60	60	60	60	60	60	60	60	60	5	–	–	11·50	13·71
10	–	–	–	5	60	60	60	60	60	60	60	60	60	60	60	25	–	–	11·50	13·79
11	–	–	–	–	45	60	60	60	60	60	60	60	60	60	60	20	–	–	11·08	13·87
12	–	–	–	40	60	60	60	60	60	60	60	60	60	60	60	20	–	.	12·00	13·95
13	–	–	–	–	55	45	45	60	60	60	34	57	60	60	60	30	–	–	10·43	14·03
14	–	–	–	–	12	60	60	60	60	60	60	60	54	40	38	25	–	–	9·82	14·10
15	–	–	–	–	–	–	–	–	–	–	4	17	–	–	–	–	–	–	0·35	14·18
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·26
17	–	–	–	–	3	57	60	60	60	60	60	60	60	40	6	–	–	–	8·77	14·34
18	–	–	–	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	14·42
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·50
20	–	–	–	–	–	–	–	–	–	–	–	..	–	–	–	–	–	–	–	14·57
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·73
23	–	–	–	–	–	2	5	45	37	60	4	–	12	13	–	–	–	–	2·97	14·80
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·88
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·96
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·03
27	–	–	30	38	56	60	48	22	–	10	–	–	–	–	–	–	–	–	4·40	15·11
28	–	–	30	33	60	56	58	50	42	56	60	46	41	–	–	–	–	–	8·87	15·18
29	–	–	–	–	60	56	17	1	–	–	–	–	–	40	6	7	1	–	3·13	15·26
30	–	17	3	–	–	40	40	28	3	–	–	1	–	3	–	–	–	–	2·25	15·33
31																				
SUMS. HOURS.	–	–	1·28	2·43	10·32	12·90	12·33	12·30	11·25	11·25	9·68	9·55	9·02	8·63	7·22	2·25	0·02	–	120·42	426·45

SUNSHINE—MAY 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	43	17	–	–	–	–	15	12	–	–	–	1·45	15·40
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·48
3	–	–	–	6	30	60	60	35	–	–	–	4	8	–	–	–	–	–	3·38	15·55
4	–	–	–	–	–	–	–	16	30	49	–	–	–	–	3	–	–	–	1·63	15·62
5	–	–	–	–	–	–	19	2	10	47	59	58	31	30	55	11	–	–	5·37	15·70
6	–	–	–	–	–	1	4	–	–	50	15	2	38	5	–	–	–	–	1·92	15·77
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·84
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·91
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·98
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·04
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·11
12	–	–	–	–	–	–	–	–	–	15	35	8	40	26	60	5	–	–	3·15	16·18
13	–	–	33	60	60	60	60	60	60	48	60	60	52	60	58	38	26	–	13·15	16·24
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·31
15	–	–	–	–	6	50	60	58	11	5	4	–	–	–	1	13	–	–	3·47	16·37
16	–	–	36	60	60	60	60	60	48	60	54	28	60	60	60	60	32	–	13·30	16·44
17	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·05	16·50
18	–	–	–	–	–	–	2	–	3	–	–	–	–	–	–	–	–	–	0·08	16·56
19	–	–	–	–	–	–	–	–	–	28	1	–	–	–	–	–	–	–	0·48	16·62
20	–	–	–	–	–	–	–	–	2	4	–	7	–	–	–	–	–	–	0·22	16·68
21	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	–	–	–	0·10	16·74
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	58	–	0·97	16·80
23	–	–	–	–	–	–	–	–	–	2	4	2	–	–	–	–	–	–	0·13	16·85
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·91
25	–	–	–	–	–	–	–	–	–	7	12	–	3	–	6	28	15	–	1·18	16·96
26	–	–	–	–	–	–	27	54	60	60	50	39	60	27	3	48	60	6	8·23	17·02
27	–	–	–	–	2	40	56	50	47	48	55	60	60	60	60	60	60	23	11·35	17·07
28	–	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	25	16·17	17·12
29	–	45	60	60	25	54	60	60	60	60	60	60	60	60	60	60	60	27	15·52	17·16
30	–	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	20	16·17	17·21
31	–	24	60	60	60	60	40	60	60	60	44	10	7	–	47	56	18	7	11·22	17·26
SUMS. HOURS.	–	2·73	5·20	6·10	6·05	8·52	9·47	10·30	8·80	11·05	9·55	7·63	8·98	7·72	9·08	8·32	7·48	1·80	128·79	508·40

SUNSHINE—JUNE 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	53	60	60	60	60	55	60	60	60	60	60	47	59	60	14	–	13·80	17·30
2	–	–	–	–	–	–	–	–	45	59	4	41	48	40	60	60	30	4	6·52	17·34
3	–	–	–	–	–	14	30	–	20	34	47	–	–	–	–	–	–	–	2·42	17·38
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·42
5	–	–	–	55	60	48	32	60	58	60	60	60	36	35	26	38	60	2	11·50	17·46
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·49
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·52
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·55
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·58
10	–	25	28	30	24	–	–	–	–	–	–	–	2	5	–	48	–	–	2·70	17·61
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·64
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·66
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·68
14	–	57	60	60	60	60	44	44	15	3	–	–	–	–	–	–	–	–	6·72	17·70
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·71
16	–	–	15	–	32	60	60	60	60	60	60	60	60	60	60	60	60	12	12·98	11·72
17	–	–	–	–	10	50	2	15	32	32	60	60	60	60	57	50	40	–	8·80	17·73
18	–	–	–	–	20	40	60	60	60	60	60	60	60	45	58	28	–	–	10·18	17·74
19	–	28	60	50	40	15	33	47	38	60	50	2	25	15	–	–	35	13	8·52	17·74
20	–	–	–	24	60	60	60	60	60	60	60	60	60	60	60	60	60	45	14·15	17·75
21	–	38	58	60	60	60	60	60	60	45	60	60	60	60	60	60	10	–	14·52	17·75
22	–	25	60	60	60	60	60	60	60	60	60	60	60	60	60	60	66	30	15·92	17·75
23	–	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	28	16·22	17·75
24	–	47	60	60	60	60	60	60	60	30	–	56	60	60	60	40	54	20	14·12	17·74
25	–	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	52	34	16·18	17·74
26	–	30	60	60	60	60	60	60	34	58	56	60	60	60	60	60	60	1	14·98	17·73
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·72
28	–	–	7	20	30	–	29	60	48	–	12	57	47	57	60	60	60	41	9·80	17·71
29	–	12	20	60	60	50	–	–	–	4	17	50	2	8	5	–	–	–	4·80	17·69
30	–	10	–	–	–	–	–	–	–	4	–	–	–	–	–	–	25	14	0·88	17·67
31																				
SUMS. HOURS.	–	6·03	10·02	11·98	13·60	13·62	12·83	13·68	13·83	13·48	13·10	14·43	13·67	13·20	13·42	13·40	11·33	4·07	205·71	528·97

SUNSHINE—JULY 1887.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	1	48	60	60	–	12	11	–	–	–	3	–	–	–	–	–	–	3·25	17·65
2	–	–	15	26	50	50	60	36	60	60	60	60	60	60	60	60	60	14	13·18	17·63
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·60
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·57
5	–	–	–	–	–	33	53	60	42	25	28	39	38	60	60	60	9	8	8·58	17·54
6	–	3	37	40	8	16	28	7	56	58	60	28	56	.	–	–	–	–	6·62	17·51
7	–	–	–	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	17·48
8	–	–	–	–	–	–	5	35	8	18	27	8	–	–	–	–	–	–	1·68	17·44
9	–	–	–	–	–	–	50	6	1	32	50	37	51	48	58	1	–	–	5·57	17·40
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·36
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·32
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·28
13	–	–	–	–	7	10	–	–	–	–	–	–	3	2	–	–	–	–	0·37	17·24
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	0·07	17·19
15	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17·14
16	–	–	–	–	–	–	11	6	–	–	–	–	–	–	–	–	–	–	0·28	17·09
17	–	–	–	6	35	–	–	26	–	5	17	–	34	48	30	58	56	22	5·62	17·04
18	–	6	10	–	–	–	20	23	20	30	–	–	–	–	–	–	–	–	1·82	16·99
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·94
20	–	–	–	–	–	–	–	20	–	–	10	–	–	16	21	–	–	–	1·12	16·89
21	–	–	16	13	12	45	18	54	16	–	–	–	–	–	–	–	–	–	2·90	16·83
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·77
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·72
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·60
26	–	–	–	–	–	–	–	8	1	7	8	–	6	–	–	–	–	–	0·50	16·54
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·48
28	–	–	–	–	–	–	–	–	–	–	–	–	6	–	–	–	–	–	0·10	16·41
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·35
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16·28
31	–	–	5	40	59	42	40	40	50	42	17	–	–	–	–	43	12	–	6·50	16·22
SUMS. HOURS.	–	0·17	2·18	3·08	3·85	3·27	4·95	5·53	4·23	4·62	4·62	2·92	4·23	3·90	3·88	3·70	2·28	0·73	58·16	528·16

SUNSHINE—AUGUST 1887.

	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	20	30	–	–	5	–	–	–	–	–	–	–	–	–	–	0·92	16·15
2	–	–	–	–	15	6	20	50	35	15	4	–	–	–	2	1	–	–	2·47	16·09
3	–	–	15	52	58	60	60	60	60	60	60	60	60	60	60	60	10	–	13·25	16·02
4	–	–	–	55	13	18	60	60	40	15	21	2	–	2	8	4	–	–	4·97	15·95
5	–	–	–	–	–	–	–	3	27	5	22	3	–	–	–	–	–	–	1·00	15·88
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·81
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·74
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·67
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·60
10	–	–	–	–	–	–	–	–	26	45	45	12	–	–	–	–	–	–	2·13	15·52
11	–	–	–	–	–	–	–	–	–	–	8	–	13	–	–	–	–	–	0·35	15·45
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·38
13	–	–	–	–	55	60	60	50	57	53	42	37	1	13	–	–	–	–	7·13	15·31
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·24
15	–	–	–	–	.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15·16
16	–	–	–	–	–	–	–	–	30	23	34	40	10	12	60	–	–	–	3·48	15·09
17	–	–	–	–	–	–	–	–	7	–	–	–	–	–	–	–	–	–	0·12	15·01
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·94
19	–	–	–	–	–	–	4	18	7	5	7	8	–	25	–	–	–	–	1·23	14·87
20	–	–	–	–	6	54	–	–	–	3	–	14	3	–	–	–	–	–	1·33	14·79
21	–	–	–	–	45	47	57	48	3	6	32	14	40	–	–	45	6	–	5·72	14·71
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·64
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	33	–	–	0·55	14·56
24	–	–	–	–	–	–	–	–	4	–	48	36	56	16	17	6	–	–	3·05	14·48
25	–	–	–	42	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·70	14·40
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	14·32
27	–	–	–	–	–	–	–	49	56	21	38	56	58	60	59	33	–	–	7·17	14·25
28	–	–	–	–	–	–	–	9	–	–	4	3	–	–	–	–	–	–	0·27	14·17
29	–	–	–	–	–	–	15	–	–	2	20	3	–	–	–	–	–	–	0·67	14·10
30	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	0·02	14·03
31	–	–	–	–	–	–	–	–	–	8	13	–	2	–	–	–	–	–	0·38	13·95
SUMS. HOURS.	–	–	0·25	2·82	3·70	4·08	4·60	5·87	5·87	4·35	6·63	4·80	4·05	3·15	3·43	3·03	0·27	–	56·91	467·28

Sunshine—SEPTEMBER 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	2	–	1	2	–	12	33	–	–	–	0·83	13·87
2	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·78
3	–	–	–	–	–	–	–	–		16	–	–	6	12	6	–	–	–	0·67	13·70
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·62
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·54
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		13·46
7	–	–	–	–	–	–	–	27	58	36	22	47	25	3	–	–	–	–	3·63	13·38
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·30
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·22
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13·14
11	–	–	–	–	–	–	–	13	–	2	17	–	–	–		–	–	–	0·53	13·07
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·99
13	–	–	–	–	–	–	–	–	12	31	33	–	–	–	–	–	–	–	1·27	12·91
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12·84
15	–	–	–	13	36	60	58	31	7	–	–	4	–	–	–	–	–	–	3·48	12·76
16	–	–	–	26	8	22	20	–	–	7	–	–	7	–	–	–	–	–	1·50	12·68
17	–	–	–	–	49	43	3	33	47	44	9	23	7	4	29	–	–	–	4·85	12·60
18	–	–	–	36	60	60	60	60	60	60	60	60	26	–	–	–	–	–	9·03	12·52
19	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	0·07	12·44
20	–	–	–	–	26	60	60	60	60	60	60	60	60	60	60	8	–	–	10·57	12·36
21	–	–	–	38	23	58	60	40	57	60	60	11	42	52	38	–	–	–	8·98	12·28
22	–	–	–	7	52	45	60	60	60	60	60	60	60	60	51	–	–	–	10·58	12·20
23	–	–	–	10	31	60	60	60	60	33	–	–	–	–	–	–	–	–	5·23	12·12
24	–	–	–	28	4	16	26	60	60	60	32	58	59	41	–	–	–	–	7·40	12·04
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·96
26	–	–	–	–	–	–	–	24	6	–	–	–	–	–	–	–	–	–	0·50	11·88
27	–	–	–	–	–	–	–	–	1	18	20	2	–	–	–	–	–	–	0·68	11·80
28	–	–	–	21	60	60	60	60	28	5	17	52	27	4	–	–	–	–	6·57	11·72
29	–	–	–	–	–	–	18	46	47	55	50	38	15	28	2	–	–	–	4·98	11·64
30	–	–	–	·	38	30	2	28	17	32	–	–	–	3	–	–	–	–	2·50	11·56
31																				
Sums. Hours.	–	–	–	2·98	6·45	8·57	8·12	10·03	9·70	9·65	7·35	7·02	5·57	4·65	3·65	0·13	–	–	83·85	381·38

Sunshine—OCTOBER 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	1	18	41	28	–	–	4	–	–	–	–	–	–	–	1·53	11·48
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·40
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·32
4	–	–	–	–	57	60	60	60	60	60	60	60	60	60	30	–	–	–	10·45	11·24
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·17
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·09
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11·01
8	–	–	–	–	–	16	60	30	20	35	23	13	17	–	–	–	–	–	3·57	10·93
9	–	–	–	–	10	25	60	58	60	60	40	10	4	–	–	–	–	–	5·45	10·85
10	–	–	–	–	–	–	–	4	20	–	11	–	–	–	–	–	–	–	0·58	10·77
11	–	–	–	–	–	–	–	–	–	5	–	–	–	–	–	–	–	–	0·08	10·69
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·62
13	–	–	–	–	–	–	–	6	10	–	–	–	–	–	–	–	–	–	0·27	10·54
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·46
15	–	–	–	–	–	–	–	–	10	35	40	42	59	5	–	–	–	–	3·18	10·38
16	–	–	–	–	–	–	–	26	–	–	–	–	–	–	–	–	–	–	0·43	10·30
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·22
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·14
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10·06
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·98
21	–	–	–	–	–	–	30	60	60	55	56	55	40	4	–	–	–	–	6·00	9·90
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·83
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·75
24	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	0·05	9·67
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·60
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·52
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·44
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·36
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·28
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·20
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·12
Sums. Hours.	–	–	–	–	1·13	1·98	4·18	4·53	4·00	4·17	3·90	3·00	3·00	1·20	0·50	–	–	–	31·59	319·32

SUNSHINE—NOVEMBER 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9·05
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·97
3	–	–	–	–	–	–	–	–	–	–	45	17	4	–	–	–	–	–	1·10	8·90
4	–	–	–	–	–	1	43	18	1	–	–	–	–	–	–	–	–	–	1·05	8·83
5	–	–	–	–	–	–	–	–	13	–	15	30	–	–	–	–	–	–	0·97	8·76
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·69
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·62
8	–	–	–	–	–	–	–	30	57	42	17	–	–	–	–	–	–	–	2·43	8·55
9	–	–	–	–	–	–	27	60	60	60	60	60	28	–	–	–	–	–	5·92	8·48
10	–	–	–	–	–	–	1	38	3	–	–	–	–	–	–	–	–	–	0·70	8·41
11	–	–	–	–	–	–	–	–	5	2	10	25	60	–	–	–	–	–	1·70	8·34
12	–	–	–	–	–	55	60	60	12	–	–	–	–	–	–	–	–	–	3·12	8 27
13	–	–	–	–	–	10	60	60	60	47	23	55	56	–	–	–	–	–	6·18	8·20
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8·13
15	–	–	–	–	–	8	20	60	35	11	–	–	–	–	–	–	–	–	2·23	8·06
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·99
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·92
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·86
19	–	–	–	–	–	–	28	–	10	30	60	25	–	–	–	–	–	–	2·55	7·80
20	–	–	–	–	–	5	2	5	–	–	–	–	–	–	–	–	–	–	0·20	7·74
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·68
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·62
23	–	–	–	–	–	20	30	5	–	5	30	14	–	–	–	–	–	–	1·73	7·56
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·50
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·45
26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·40
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·35
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·30
29	–	–	–	–	–	–	–	–	–	2	22	55	14	–	–	–	–	–	1·55	7·24
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·19
31																				
SUMS. HOURS.	–	–	–	–	–	1·65	4·52	5·60	4·27	3·32	4·70	4·68	2·70	–	–	–	–	–	31·43	241·86

SUNSHINE—DECEMBER 1887.

	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	Amount.	Total. Possible.
	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Hours.	Hours.
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·14
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·09
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7·04
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·99
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·94
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·90
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·87
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·85
9	–	–	–	–	–	–	–	–	–	–	3	19	–	–	–	–	–	–	0·37	6·83
10	–	–	–	–	–	–	20	4	–	–	–	–	–	–	–	–	–	–	0·40	6·81
11	–	–	–	–	–	–	52	42	–	–	–	–	–	–	–	–	–	–	1·57	6·79
12	–	–	–	–	–	–	23	–	–	5	–	–	–	–	–	–	–	–	0·47	6·77
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·75
14	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	–	0·10	6·73
15	–	–	–	–	–	–	–	–	–	5	14	–	–	–	–	–	–	–	0·32	6·71
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·69
17	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	0·02	6·68
18	–	–	–	–	–	–	–	–	3	36	37	–	–	–	–	–	–	–	1·27	6·67
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·66
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·65
23	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	0·03	6·66
24	–	–	–	–	–	–	–	–	–	–	–	20	30	–	–	–	–	–	0·83	6·66
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·67
26	–	–	–	–	–	–	46	60	60	60	60	60	26	–	–	–	–	–	6·20	6·68
27	–	–	–	–	–	–	7	36	48	60	47	3	–	–	–	–	–	–	3·35	6·69
28	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	0·05	6·71
29	–	–	–	–	–	–	18	60	60	60	60	60	38	–	–	–	–	–	5·93	6·73
30	–	–	–	–	–	–	52	60	60	60	60	60	45	–	–	–	–	–	6·62	6·7b
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6·77
SUMS. HOURS.	–	–	–	–	–	–	3·67	4·47	3·87	4·77	4·68	3·75	2·32	–	–	–	–	–	27·53	210·18

AMOUNT OF CLOUD.

The Amount of Cloud is estimated on the Scale 0 (blue sky) to 10 (overcast sky).

The Belt of Sky between the horizon and 30° altitude is not taken into account in these observations.

During the first five months there are several breaks in the record, especially at night. These have been filled in, the interpolated entries being enclosed by brackets. The Symbol ≡ indicates that the Summit was enveloped in Fog or Mist. A value of 10 has been assigned to all cases of mist or fog in calculating the means.

DECEMBER 1883.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	10	10	2	≡	≡	≡	≡	10	7	2	2	≡	≡	8	8	≡	10	10	10	10	10	10	10	≡	9	1
2	10	≡	10	10	[10]	[10]	[≡]	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	[≡]	[≡]	[10]	10	10	10	10	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	7	10	10	[≡]	[≡]	[≡]	≡	10	3
4	≡	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3	10	10	10	4
5	4	5	2	1	[2]	[2]	[≡]	≡	≡	≡	≡	≡	6	9	≡	≡	≡	≡	≡	3	6	5	5	10	7	5
6	[10]	[10]	[10]	10	≡	≡	≡	3	1	4	3	7	4	≡	≡	8	5	10	0	0	0	[0]	[0]	0	6	6
7	0	0	0	0	≡	≡	≡	≡	≡	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	7
8	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	≡	[≡]	[≡]	[≡]	[≡]	[≡]	10	11
12	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	≡	≡	≡	≡	≡	≡	≡	10	14
15	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	8	≡	6	≡	≡	[≡]	[8]	[8]	8	9	15
16	6	≡	≡	≡	≡	≡	≡	9	10	9	≡	7	≡	≡	10	≡	10	10	10	10	8	8	9	2	9	16
17	10	10	10	10	[10]	[10]	[10]	[10]	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	10	7	7	5	10	10	17
18	[10]	[10]	[10]	[10]	10	[10]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	≡	10	18
19	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	19
20	10	10	10	10	[10]	[10]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	≡	10	21
22	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	10	≡	≡	≡	10	22
23	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	10	10	4	4	10	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	10	24
25	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	10	[4]	1	0	1	2	0	0	0	0	0	0	0	0	5	25
26	0	0	1	1	[0]	[2]	[5]	[7]	[8]	8	7	7	5	9	[3]	≡	≡	≡	1	0	0	0	0	0	4	26
27	[0]	[0]	[0]	[0]	3	1	8	10	10	8	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[0]	[0]	0	6	27
28	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	28
29	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	29
30	[10]	[10]	[0]	[0]	0	≡	0	0	1	2	2	2	1	1	1	2	2	1	0	0	[0]	[0]	[2]	3	2	30
31	1	4	3	1	2	3	3	3	4	3	2	2	1	3	6	2	1	1	0	0	0	1	0	≡	2	31
Means.	8·1	8·7	8·0	8·2	8·6	9·0	9·2	9·0	9·1	8·8	8·8	9·0	8·6	8·8	8·8	9·1	9·0	8·9	8·4	8·0	8·1	7·5	7·7	8·2	8·6	Means.

JANUARY 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	4	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	1	≡	≡	≡	≡	≡	≡	≡	≡	9	1
2	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	7	8	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	≡	[0]	0	9	2
3	0	0	0	1	2	3	5	8	6	8	8	8	9	9	8	9	10	9	≡	≡	≡	≡	≡	≡	7	3
4	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	≡	[≡]	≡	10	5
6	[≡]	≡	[≡]	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	10	≡	≡	≡	≡	≡	9	≡	≡	10	≡	≡	≡	10	7
8	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	10	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	[≡]	[≡]	[≡]	[≡]	≡	≡	10	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	≡	9	[7]	[5]	4	9	11
12	6	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	10	10	14
15	8	5	7	≡	9	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	7	5	5	[4]	4	0	0	0	0	1	1	0	6	16
17	[0]	[0]	[0]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	9	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	7	7	2	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	19
20	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	0	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	[10]	[≡]	[≡]	≡	10	21
22	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	[≡]	[≡]	≡	[≡]	[≡]	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	≡	10	10	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	7	4	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	28
29	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	10	29
30	10	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	9	8	7	[8]	9	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	9·0	9·1	9·3	9·4	9·7	9·8	9·8	9·9	9·9	9·8	9·5	9·6	9·5	9·7	9·6	9·5	9·8	9·6	9·7	9·7	9·6	9·6	9·2	9·2	9·6	Means.

FEBRUARY 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	[≡]	[≡]	[10]	[10]	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	10	1
2	≡	10	≡	≡	≡	5	2	2	2	1	6	8	5	6	10	7	≡	≡	≡	≡	≡	≡	≡	≡	8	2
3	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	[≡]	[≡]	[≡]	[≡]	≡	≡	9	10	10	10	10	[8]	4	9	10	10	10	7	7	≡	≡	≡	10	10	9	7
8	10	10	10	10	8	10	9	10	9	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	≡	10	≡	10	10	9
10	[10]	[≡]	[≡]	[≡]	≡	≡	≡	10	10	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	10	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	≡	≡	≡	≡	≡	≡	10	12
13	[≡]	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10	10	10	13
14	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	6	0	0	0	6	14
15	≡	≡	7	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	10	16
17	[≡]	[≡]	[≡]	[≡]	[≡]	≡	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	10	17
18	[≡]	[≡]	[≡]	≡	[≡]	[≡]	[≡]	[≡]	≡	[≡]	≡	≡	≡	≡	≡	≡	≡	10	1	3	2	[2]	2	[2]	8	18
19	[0]	[0]	[2]	[6]	10	[10]	≡	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	9	19
20	≡	≡	≡	≡	≡	≡	≡	≡	4	9	10	≡	≡	≡	3	10	10	≡	≡	≡	≡	≡	[≡]	≡	9	20
21	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	[≡]	≡	10	7	8	≡	≡	≡	≡	≡	≡	8	9	9	≡	≡	≡	10	21
22	[≡]	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	[2]	4	≡	≡	≡	≡	≡	≡	≡	1	≡	[≡]	[≡]	≡	9	22
23	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	1	0	0	0	0	8	23
24	0	0	0	0	[0]	[0]	[0]	[0]	[3]	0	[2]	2	0	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	24
25	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	6	10	10	10	10	10	10	10	10	25
26	10	10	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	3	4	[3]	3	[5]	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	26
27	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	10	27
28	≡	[≡]	≡	[≡]	≡	≡	≡	6	5	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	28
29	≡	≡	≡	≡	[≡]	[≡]	[10]	[8]	8	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30																										30
31																										31
Means.	9·3	9·3	9·3	9·5	9·6	9·5	9·3	9·2	9·0	8·7	9·0	9·1	9·0	9·7	9·2	9·2	9·2	9·2	9·1	8·8	9·2	9·0	9·0	9·0	9·3	Means.

MARCH 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	10	9	10	9	9	10	9	8	9	9	10	10	10	10	[≡]	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	[10]	[10]	10	10	7
8	10	10	9	9	4	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	8	≡	≡	10	8
9	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	10	9
10	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	10	≡	[10]	10	≡	6	[10]	[10]	4	10	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	0	1	1	2	7	4	[5]	7	4	5	7	6	[8]	≡	10	≡	9	7	9	7	11
12	10	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	13
14	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	10	≡	≡	≡	10	14
15	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	10	10	10	9	10	8	7	3	1	2	9	15
16	[2]	[3]	[4]	[5]	5	4	4	5	5	[7]	7	6	[5]	5	4	2	6	4	2	3	3	[3]	3	≡	5	16
17	5	7	10	7	9	4	7	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	17
18	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	7	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	≡	≡	≡	10	20
21	≡	10	10	10	[10]	[≡]	[≡]	[≡]	≡	≡	≡	10	≡	10	≡	10	10	≡	≡	≡	1	1	≡	≡	9	21
22	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	10	22
23	≡	≡	≡	≡	≡	≡	10	≡	≡	9	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	0	1	0	9	23
24	0	0	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	10	10	8	7	4	1	4	7	10	10	10	≡	≡	≡	8	24
25	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	≡	≡	10	25
26	≡	≡	≡	1	2	1	1	1	2	1	6	4	1	2	3	3	6	10	10	≡	≡	≡	≡	10	6	26
27	10	10	≡	10	[10]	10	10	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	1	4	7	8	10	10	10	10	10	10	10	[10]	[10]	[10]	9	28
29	10	≡	10	10	10	10	10	10	10	9	10	9	7	10	≡	≡	≡	≡	≡	≡	10	10	1	10	9	29
30	≡	≡	10	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	2	0	10	≡	≡	9	31
Means.	9·3	9·4	9·8	9·4	9·4	9·0	9·1	9·3	9·3	9·4	9·3	9·2	9·2	9·2	9·0	9·1	9·4	9·4	9·7	9·5	9·1	8·7	8·8	9·4	9·3	Means.

APRIL 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	[8]	10	7	10	8	4	10	≡	≡	3	≡	≡	9	1
2	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	[≡]	[≡]	[≡]	[≡]	≡	≡	10	≡	≡	≡	≡	[10]	≡	≡	≡	≡	3	10	10	9	8	[10]	[≡]	≡	10	3
4	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	10	≡	10	≡	7	10	10	10	6	≡	10	5
6	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	10	10	10	6
7	6	≡	8	2	[3]	[4]	[5]	[5]	[5]	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	7
8	≡	≡	3	0	[0]	[1]	[3]	[5]	6	[2]	2	2	4	7	4	[3]	1	[1]	2	[2]	3	5	1	4	3	8
9	6	7	1	[1]	1	0	0	2	1	1	1	6	[8]	10	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	≡	6	9
10	≡	1	0	0	0	0	1	2	2	0	1	[1]	0	1	1	0	4	1	2	1	10	≡	10	10	3	10
11	2	[≡]	[≡]	≡	≡	≡	7	[7]	8	9	10	≡	≡	≡	≡	10	10	0	1	1	0	1	0	0	6	11
12	≡	≡	≡	≡	10	10	10	≡	≡	9	5	7	7	7	[6]	6	≡	8	≡	10	≡	≡	≡	≡	9	12
13	≡	9	4	4	3	3	[4]	[≡]	≡	[10]	≡	[10]	10	10	10	4	1	3	4	[6]	7	10	10	7	7	13
14	10	10	[10]	[≡]	≡	10	10	10	≡	10	2	[3]	4	3	9	≡	≡	10	10	10	10	10	≡	≡	9	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	[8]	5	3	[7]	8	≡	≡	≡	≡	≡	≡	9	15
16	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	9	7	10	10	10	[9]	9	9	≡	10	10	10	10	10	10	10	16
17	[10]	[10]	[10]	[10]	10	[10]	3	0	0	[8]	10	10	9	≡	8	7	7	10	10	1	0	0	0	0	6	17
18	0	[10]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	[10]	≡	≡	6	≡	8	10	10	≡	≡	≡	7	≡	≡	≡	10	19
20	[≡]	[≡]	[≡]	[≡]	≡	≡	≡	≡	≡	≡	≡	8	10	10	10	7	8	8	8	[7]	6	[8]	[8]	[8]	9	20
21	[10]	10	10	10	10	10	10	≡	10	≡	≡	10	10	10	10	10	10	10	10	10	10	≡	≡	≡	10	21
22	≡	≡	10	10	[10]	[10]	[≡]	[≡]	≡	≡	9	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10	22
23	[≡]	≡	[≡]	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	[9]	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	4	10	24
25	3	≡	≡	2	[4]	[8]	[9]	[9]	9	≡	10	≡	10	9	7	8	10	10	≡	10	10	≡	≡	≡	8	25
26	[≡]	≡	[≡]	[8]	7	8	8	7	5	4	4	10	10	10	10	8	≡	10	≡	9	≡	[9]	[≡]	[≡]	9	26
27	≡	≡	≡	≡	≡	≡	≡	9	≡	7	9	8	10	10	3	6	7	≡	≡	≡	≡	≡	≡	1	9	27
28	4	≡	3	1	[2]	[3]	[5]	[2]	5	6	4	6	6	6	5	8	9	9	9	10	9	≡	≡	9	6	28
29	[8]	[6]	[4]	[4]	5	6	7	7	5	9	10	10	10	9	10	≡	≡	8	9	≡	≡	≡	≡	≡	8	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
Means.	8·6	9·4	8·4	7·7	7·8	8·1	8·1	8·2	8·2	8·3	8·1	8·7	8·6	9·0	8·4	8·3	8·5	8·3	8·7	8·5	8·7	8·9	8·8	8·4	8·5	Means.

MAY 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	[≡]	[≡]	[≡]	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	1	10	3
4	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	≡	10	≡	≡	≡	9	8	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	[≡]	[≡]	[≡]	[≡]	≡	≡	10	4	9	≡	8	≡	10	9	10	7	10	10	5	7	9	6
7	10	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	[≡]	≡	[≡]	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	8	≡	≡	≡	≡	10	10	10	6	[6]	5	9	5	1	≡	≡	≡	≡	≡	≡	9	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	10	≡	≡	[5]	0	10	10	9	9	7	9	10	10	10	10	10	10	10	≡	≡	8	10	10	10	9	13
14	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	7	≡	≡	4	3	≡	3	10	7	9	9	≡	≡	≡	10	≡	≡	≡	≡	≡	9	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	6	10	8	9	≡	10	≡	≡	≡	≡	≡	≡	10	20
21	10	2	8	10	≡	≡	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	4	7	7	3	4	4	3	3	1	1	0	0	[2]	0	6	23
24	[1]	0	[3]	6	[4]	3	3	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	24
25	0	0	0	0	0	0	1	0	0	0	0	≡	1	≡	≡	≡	≡	0	0	0	0	0	0	0	2	25
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0	0	0	0	1	0	1	1	4	6	1	2	4	8	7	6	4	2	8	8	0	≡	≡	≡	4	29
30	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	≡	10	10	10	10	10	10	30
31	10	4	0	8	0	3	0	9	9	9	10	9	7	10	10	10	8	10	2	8	0	≡	≡	≡	7	31
Means.	7·5	7·6	7·8	8·0	7·4	7·9	7·9	7·9	7·9	8·1	7·4	8·1	7·6	8·3	8·1	8·3	8·0	7·5	7·8	7·9	7·4	8·1	8·0	7·7	7·9	Means.

JUNE 1884.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	1
2	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	10	≡	≡	≡	≡	10	2
3	10	≡	10	10	9	10	8	2	1	8	7	10	5	9	5	8	8	9	7	9	1	3	10	10	7	3
4	10	9	6	1	2	3	8	5	4	9	10	10	10	2	2	10	8	10	10	10	10	≡	≡	≡	7	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	8	7	6	10	4	8	10	10	9	9	5
6	9	10	≡	10	7	6	7	9	9	10	10	10	10	9	10	10	10	10	10	6	7	8	1	4	8	6
7	0	1	7	10	9	9	8	10	10	10	9	7	8	10	10	10	≡	≡	≡	6	7	8	≡	≡	8	7
8	7	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	10	8
9	≡	10	≡	≡	≡	≡	0	≡	≡	≡	10	≡	10	10	10	10	10	10	10	10	10	10	10	≡	10	9
10	≡	≡	≡	≡	2	≡	5	≡	10	9	8	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10
11	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	4	6	2	2	≡	≡	≡	≡	≡	≡	≡	≡	1	1	0	0	0	0	0	6	17
18	0	0	0	3	1	2	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	7	18
19	≡	≡	≡	≡	10	10	10	≡	9	10	10	10	≡	10	10	10	10	10	10	≡	≡	≡	≡	≡	10	19
20	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	9	10	8	9	8	2	0	9	20
21	0	0	10	10	≡	7	7	≡	≡	≡	10	9	9	9	10	9	10	9	9	10	10	10	10	10	9	21
22	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	10	8	10	10	≡	8	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	8	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	8	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	0	0	0	0	0	0	7	27
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	8	3	3	2	1	0	1	4	1	28
29	2	1	1	1	3	4	5	8	7	9	7	3	3	8	≡	10	10	10	10	≡	≡	10	≡	≡	7	29
30	9	8	≡	≡	≡	≡	≡	≡	≡	5	7	10	9	7	4	10	7	7	4	≡	≡	10	10	10	8	30
31																										31
MEANS.	8·2	8·3	8·8	8·8	8·4	8·5	8·2	8·8	8·7	9·3	9·3	9·2	8·9	9·2	9·1	9·6	9·6	9·0	8·8	8·5	8·4	8·5	8·4	8·6	8·7	MEANS.

JULY 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	7	8	6	7	3	≡	≡	1	10	10	9	10	9	10	10	10	10	10	10	10	5	10	≡	≡	9	1
2	10	≡	≡	≡	10	10	10	≡	≡	≡	10	10	≡	≡	10	7	10	10	3	10	0	1	0	4	8	2
3	0	0	0	1	2	0	0	1	4	6	7	7	4	3	3	8	4	9	5	6	3	2	10	10	4	3
4	10	≡	≡	≡	10	≡	≡	≡	8	4	8	8	3	4	10	10	≡	10	10	10	≡	≡	≡	10	9	4
5	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	8	7	10	10	≡	10	10	10	5
6	≡	10	10	≡	≡	≡	≡	≡	≡	9	≡	10	10	10	≡	10	8	10	8	10	9	≡	≡	9	10	6
7	1	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	6	5	5	3	7	5	4	4	9	7	≡	8	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	10	8	5	2	1	≡	≡	3	9	11
12	4	4	7	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	10	≡	≡	10	1	7	10	9	12
13	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	6	10	≡	10	≡	≡	10	10	6	8	7	10	10	10	10	≡	≡	≡	10	10	9	19
20	8	2	10	3	0	0	0	0	1	8	8	8	9	8	6	8	9	8	9	9	10	10	10	10	6	20
21	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	9	10	≡	10	≡	≡	≡	10	23
24	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	2	10	10	10	10	10	10	≡	≡	≡	5	3	10	10	9	26
27	0	2	0	0	0	0	0	1	6	3	8	6	8	5	8	6	7	3	10	8	0	0	0	0	3	27
28	0	3	4	6	4·	4	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	8	28
29	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	29
30	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	10	≡	8	8	7	9	8	8	7	10	10	8	9	9	10	9	10	8	10	10	10	10	9	31
Means.	8·2	8·7	8·6	8·9	8·4	8·7	8·8	8·8	9·3	9·3	9·3	9·6	9·2	9·1	9·3	9·4	9·4	9·4	9·1	9·3	8·3	8·6	9·2	9·2	9·0	Means.

AUGUST 1884.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	10	10	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	9	8	9	9	8	9	8	7	4	1	2	2	8	5
6	≡	≡	≡	≡	≡	≡	≡	≡	10	8	10	8	8	8	9	5	6	5	1	1	7	0	0	0	7	6
7	0	2	4	1	9	≡	2	7	8	≡	10	10	10	10	10	10	10	10	10	≡	≡	10	≡	≡	8	7
8	≡	≡	≡	≡	≡	≡	3	7	10	10	3	2	10	10	10	7	6	10	10	≡	≡	≡	≡	≡	9	8
9	6	≡	≡	≡	≡	≡	≡	1	1	7	10	6	2	6	8	1	4	4	3	≡	≡	≡	≡	≡	7	9
10	≡	≡	≡	0	2	3	≡	7	8	10	7	9	8	8	10	10	10	10	10	9	10	10	≡	≡	8	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	7	10	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	10	≡	≡	2	4	1	4	8	9	9	10	10	10	≡	≡	≡	≡	10	≡	≡	≡	≡	9	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10	10	≡	10	10	10	16
17	10	10	10	9	0	0	1	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	17
18	≡	≡	≡	5	6	≡	≡	≡	≡	≡	≡	≡	≡	10	9	9	9	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	9	9	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	2	0	0	2	1	0	1	2	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	20
21	≡	≡	≡	≡	≡	≡	≡	0	≡	0	0	2	0	1	2	1	2	1	≡	≡	≡	≡	≡	8	6	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	≡	≡	10	5	3	10	≡	≡	9	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	7	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	≡	10	≡	10	26
27	7	2	6	10	10	10	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	7	1	0	0	0	8	31	
MEANS.	9·5	9·5	9·4	8·6	8·9	8·9	8·7	8·3	9·1	9·2	9·2	9·2	9·2	9·1	9·6	9·1	9·1	9·3	9·3	9·3	9·1	9·1	9·1	9·0	9·2	MEANS.

SEPTEMBER 1884.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	0	0	0	0	0	0	0	0	0	1	9	4	10	8	9	10	9	10	≡	≡	≡	≡	≡	≡	5	1
2	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	10	≡	≡	10	10	9	≡	≡	≡	≡	≡	8	≡	8	7	9	10	10	≡	≡	10	3
4	≡	≡	≡	≡	≡	10	≡	4	≡	≡	10	10	10	≡	≡	9	8	≡	9	10	9	2	0	2	8	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	10	10	5
6	≡	3	3	10	≡	≡	≡	≡	10	10	10	8	3	5	7	9	10	10	10	10	10	10	≡	≡	9	6
7	10	≡	10	≡	≡	10	10	≡	7	≡	8	9	7	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	1	1	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	9	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	0	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	1	1	4	10	≡	≡	≡	≡	≡	0	0	0	6	11
12	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	1	0	0	0	0	0	0	12
13	0	0	0	0	0	1	4	4	4	4	3	1	1	0	0	0	0	0	0	0	0	0	0	0	1	13
14	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	10	≡	0	0	0	0	0	1	14
15	0	0	0	0	0	0	0	0	0	1	1	2	2	9	10	10	10	9	6	5	3	1	0	10	3	15
16	10	≡	0	0	≡	9	8	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	9	16
17	3	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	4	7	10	7	5	2	3	2	1	8	18
19	1	0	0	0	1	1	0	0	0	0	0	4	2	7	5	10	10	≡	≡	≡	≡	≡	≡	≡	5	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	9	7	3	5	2	2	5	≡	≡	8	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	9	7	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
MEANS.	7·5	7·8	7·4	7·7	8·0	8·0	8·1	7·6	7·4	7·8	8·0	7·9	7·9	8·3	8·4	8·7	8·7	8·9	8·8	8·4	8·2	7·7	7·7	7·9	8·1	MEANS.

OCTOBER 1884.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	9	10	≡	≡	≡	≡	6	5	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	9	4
5	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	10	10	≡	≡	≡	2	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	10	10	10	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	4	2	≡	≡	≡	≡	9	14
15	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	0	0	0	0	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	10	≡	≡	≡	0	0	0	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	9	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	10	≡	≡	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	10	10	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	8	7	2	0	0	≡	≡	≡	≡	≡	9	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	25
26	≡	≡	10	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	10	≡	≡	≡	≡	≡	10	10	10	10	10	26
27	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	≡	9	9	10	1	4	10	10	≡	≡	9	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	4	≡	≡	10	≡	10	10	31
MEANS.	9·0	9·0	8·7	8·7	9·0	9·0	9·0	8·7	8·6	8·5	8·8	9·0	8·8	8·8	8·7	8·9	8·3	8·5	8·1	8·8	9·4	9·4	9·4	9·0	8·9	MEANS.

NOVEMBER 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	1
2	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	10	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	0	2	7	5	8	10	10	10	≡	≡	≡	≡	≡	≡	8	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	10	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	8	8	8	2	0	0	0	0	0	0	≡	≡	7	10
11	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	12
13	≡	≡	≡	≡	≡	≡	≡	2	10	10	≡	0	2	10	0	0	0	0	0	0	0	0	0	0	5	13
14	0	0	0	0	0	0	0	0	0	1	2	1	2	2	3	3	1	0	≡	≡	≡	≡	≡	≡	3	14
15	≡	≡	≡	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	15
16	≡	10	≡	≡	≡	≡	≡	10	9	10	10	10	10	10	≡	≡	≡	≡	4	0	0	0	≡	≡	8	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	3	≡	≡	≡	0	0	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	5	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	3	≡	≡	≡	≡	≡	10	10	20
21	≡	≡	≡	≡	≡	≡	10	7	4	6	8	4	10	3	3	0	3	1	0	≡	≡	0	≡	≡	7	21
22	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	23
24	0	0	0	0	0	0	1	3	6	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	4	5	10	9	8	10	10	≡	10	10	≡	≡	9	28
29	≡	3	≡	0	≡	≡	≡	6	≡	≡	≡	9	7	0	9	2	3	0	1	7	3	7	3	8	6	29
30	10	10	10	10	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
Means.	9·3	9·1	9·1	8·3	8·6	8·5	8·4	7·9	8·6	8·6	8·6	8·5	8·7	8·4	8·5	8·2	8·0	7·8	8·2	8·6	8·4	8·2	9·1	9·3	8·6	Means.

DECEMBER 1884.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	10	10	9	10	9	9	9	9	9	9	6	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	4	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	10	≡	≡	10	10	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	15
16	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	0	≡	≡	≡	≡	9	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	1	9	19
20	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	10	≡	≡	≡	10	10	2	2	2	4	7	5	1	2	0	0	0	0	0	0	5	21
22	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	10	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	3	7	1	3	25
26	≡	2	9	≡	≡	≡	≡	10	6	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	7	4	≡	2	≡	≡	≡	≡	≡	9	27
28	≡	≡	≡	≡	≡	≡	≡	2	≡	9	9	7	6	0	0	9	7	1	2	0	0	0	0	0	6	28
29	0	0	0	0	0	0	≡	1	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	7	29
30	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	9	10	10	9	10	≡	10	10	≡	10	10	10	10	10	30
31	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	9·4	8·8	9·3	9·4	9·0	9·4	9·3	8·8	9·3	9·2	8·7	8·7	8·9	8·8	8·7	9·1	8·8	8·8	8·3	8·4	8·7	7·9	8·4	8·5	8·9	Means.

JANUARY 1885.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	8	8	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	7	≡	≡	≡	≡	10	10	≡	10	10	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	≡	≡	10	11
12	≡	10	≡	10	10	≡	3	10	8	2	8	7	7	8	9	10	10	10	10	≡	10	0	≡	≡	8	12
13	≡	0	≡	≡	≡	0	0	10	10	≡	≡	≡	≡	≡	≡	≡	≡	4	10	10	0	0	0	0	7	13
14	≡	10	0	0	2	1	6	≡	9	6	1	1	0	0	2	0	2	0	0	0	0	0	0	0	2	14
15	0	0	0	0	0	0	0	0	4	3	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	1	0	0	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	7	9	10	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	8	0	0	0	0	0	0	0	0	6	19
20	0	0	0	0	0	0	0	0	0	0	4	6	3	3	0	0	0	0	0	0	0	0	0	0	1	20
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	≡	≡	≡	≡	0	0	0	2	21
22	0	0	2	0	3	2	10	9	10	8	8	8	7	8	8	9	10	10	10	10	10	10	10	2	7	22
23	3	0	1	1	0	0	0	2	3	8	6	4	3	0	0	0	0	≡	≡	≡	≡	≡	0	0	3	23
24	0	0	2	≡	≡	7	10	10	9	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	9	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	8	≡	≡	1	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	28
29	10	10	10	10	≡	≡	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	4	10	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	10	8	≡	10	6	8	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
MEANS.	7·4	7·1	7·3	7·5	7·6	7·1	7·3	8·1	8·1	7·9	8·0	8·3	8·1	7·9	7·6	7·9	7·9	8·2	8·3	8·4	8·0	6·8	7·3	7·2	7·8	MEANS.

FEBRUARY 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	1
2	〓	〓	〓	〓	〓	〓	〓	〓	9	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	2
3	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	3
4	〓	〓	〓	〓	〓	9	〓	2	4	4	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	4
5	〓	〓	〓	〓	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	0	10	5
6	〓	〓	〓	〓	〓	〓	〓	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	6
7	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	7
8	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	8
9	〓	10	〓	10	〓	〓	0	10	10	〓	8	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	9
10	〓	〓	〓	〓	6	〓	9	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	10
11	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	11
12	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	0	0	9	12
13	〓	〓	10	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	13
14	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	7	〓	〓	〓	〓	10	〓	0	0	0	〓	0	0	0	7	14
15	0	0	2	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	2	0	〓	〓	〓	0	0	0	7	15
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	2	0	2	1	〓	10	10	10	9	10	〓	〓	〓	〓	〓	〓	〓	〓	6	17
18	〓	〓	〓	0	0	0	0	0	1	4	1	1	1	2	〓	〓	〓	〓	6	0	0	0	0	0	4	18
19	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	10	4	10	6	3	10	5	〓	〓	〓	9	19
20	0	0	0	1	0	0	1	3	4	10	9	9	10	9	10	6	10	8	10	10	10	10	10	〓	6	20
21	10	3	5	10	〓	〓	〓	9	10	10	10	10	10	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	9	21
22	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	22
23	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	5	3	10	〓	〓	〓	10	23
24	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	〓	〓	〓	〓	〓	〓	〓	10	10	10	〓	〓	10	10	24
25	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	25
26	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	26
27	10	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	〓	10	27
28	〓	〓	〓	〓	〓	〓	10	10	9	10	2	9	10	7	10	10	10	10	10	〓	〓	10	〓	10	9	28
29																										29
30																										30
31																										31
Means.	8·6	8·3	8·4	8·6	8·4	8·6	8·3	8·4	8·4	8·9	8·8	9·2	9·3	9·2	9·6	9·3	9·4	8·7	8·7	8·7	9·1	8·6	8·2	7·9	8·8	Means.

MARCH 1885.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	10	10	10	0	0	0	0	3	4	8	10	10	10	6	10	10	10	10	≡	≡	≡	≡	10	≡	7	1
2	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	9	10	3	2	5	6	≡	0	1	0	0	7	5
6	0	≡	≡	10	≡	≡	≡	≡	≡	≡	10	≡	10	10	9	10	10	8	7	6	0	0	4	1	8	6
7	1	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	9	10	9	7	≡	≡	≡	≡	0	0	0	0	0	0	7	8
9	0	0	0	0	0	9	8	7	7	4	0	0	2	7	10	10	10	≡	≡	≡	≡	≡	≡	≡	6	9
10	5	≡	≡	≡	≡	≡	≡	≡	4	6	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	9	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	≡	10	10	10	≡	≡	≡	10	10	10	10	10	10	12
13	10	10	10	10	10	10	10	10	10	10	8	10	10	8	9	8	8	10	10	0	0	0	0	0	7	13
14	0	0	0	0	0	0	2	5	6	6	5	4	≡	0	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	5	14
15	≡	10	10	10	10	≡	≡	≡	10	≡	≡	≡	≡	≡	1	4	7	≡	≡	≡	10	≡	≡	≡	9	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	18
19	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	20
21	10	10	≡	≡	10	≡	≡	10	10	10	10	4	8	8	10	10	9	10	7	2	≡	≡	≡	≡	9	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	6	≡	2	10	9	4	8	8	0	3	0	0	8	22
23	0	0	0	0	2	4	5	4	3	4	5	2	5	8	10	10	10	10	10	10	≡	≡	≡	≡	6	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	0	0	9	24
25	0	0	0	2	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10	≡	≡	9	≡	10	8	9	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	29
30	9	10	9	10	2	1	0	0	0	0	0	0	0	0	0	0	0	4	≡	≡	7	8	7	8	4	30
31	10	3	10	10	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
MEANS.	7·9	8·5	8·7	8·5	8·5	8·8	8·9	9·0	8·8	8·7	8·9	8·7	9·0	8·8	9·1	8·9	9·1	9·4	9·6	8·9	8·3	8·5	8·1	8·0	8·7	MEANS.

APRIL 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	1	2	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	3
4	8	≡	≡	≡	3	1	1	1	3	2	8	8	8	2	1	1	3	4	3	7	6	10	8	2	5	4
5	5	6	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	3	≡	0	0	2	1	1	6	4	10	10	7	7	6	9	≡	1	0	0	6	7
8	0	0	0	0	0	0	0	4	3	5	5	8	8	10	9	10	10	10	10	10	4	0	0	≡	5	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	8	9	8	9	8	10	10	11
12	≡	1	0	0	1	1	1	2	3	8	9	8	10	10	≡	10	≡	10	10	10	10	10	10	10	7	12
13	10	10	10	9	10	2	0	0	0	0	1	2	5	1	9	9	10	10	10	10	10	10	10	10	7	13
14	10	10	10	10	10	10	10	10	10	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	14
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	1	0	0	0	8	15
16	1	0	0	0	0	0	0	3	1	1	1	4	5	2	4	4	0	0	0	0	0	0	0	0	1	16
17	0	0	1	4	1	7	4	4	1	2	3	7	8	7	4	9	10	10	9	7	9	7	7	≡	5	17
18	≡	≡	≡	≡	≡	≡	9	10	10	≡	≡	≡	≡	≡	0	0	0	8	9	8	1	3	≡	3	8	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	9	10	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	8	9	9	8	7	9	3	≡	≡	0	0	4	8	23
24	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	9	9	10	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	10	10	≡	≡	≡	≡	10	27
28	≡	≡	10	9	10	9	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10	8	8	10	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8	3	6	8	2	1	5	8	4	2	3	7	30
31																										31
Means.	8·8	8·6	8·6	8·7	8·5	8·1	8·2	8·1	7·7	8·1	8·5	8·8	9·3	8·4	8·6	8·9	8·8	8·7	8·6	9·0	8·5	7·8	7·8	8·1	8·5	Means.

MAY 1885.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	5	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	4	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	≡	≡	10	3
4	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	10	10	≡	≡	10	10	10	10	9	3	3	2	2	9	4
5	≡	0	≡	5	≡	≡	10	≡	≡	10	9	10	10	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	9	5
6	≡	1	4	4	3	1	3	6	≡	7	10	10	9	≡	9	≡	10	10	≡	≡	8	7	≡	≡	8	6
7	0	10	1	4	≡	≡	8	10	10	10	10	7	≡	5	9	9	10	9	10	≡	≡	≡	≡	≡	8	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	0	1	10	≡	8	10	10	10	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	9	9
10	≡	4	0	0	≡	≡	≡	≡	2	3	≡	≡	10	10	5	10	≡	≡	≡	≡	≡	≡	≡	≡	8	10
11	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	8	10	10	10	10	7	6	9	8	6	0	0	8	11
12	1	0	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	10	10	10	0	9	12
13	≡	≡	4	0	0	1	0	0	0	1	3	3	7	10	6	7	≡	1	10	10	10	≡	3	1	5	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	0	10	14
15	0	≡	≡	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	10	≡	10	17
18	≡	≡	≡	≡	≡	10	≡	10	9	10	10	10	10	≡	10	10	10	10	10	10	10	≡	≡	≡	10	18
19	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	10	9	10	10	10	10	10	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	0	9	22
23	0	0	0	0	2	1	0	1	6	0	5	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	2	0	0	≡	9	25
26	8	7	5	6	7	10	≡	≡	8	6	10	≡	10	10	10	10	≡	≡	≡	≡	≡	10	10	≡	9	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	9	10	≡	≡	≡	≡	≡	10	≡	10	10	≡	10	10	10	10	10	10	10	10	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
MEANS.	8·5	8·4	8·4	8·3	9·1	9·1	8·7	9·0	9·2	8·9	9·5	9·7	9·8	9·8	9·6	9·7	10·0	9·5	9·9	9·7	9·3	9·2	8·7	8·2	9·2	MEANS.

JUNE 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	≡	10	10	10	≡	≡	≡	10	10	10	10	10	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	10	6	3	6	6	5	4	1	0	0	0	0	0	6	6
7	0	7	2	3	9	8	5	5	6	≡	≡	≡	≡	10	0	1	2	3	7	4	3	2	1	0	5	7
8	0	1	0	0	0	0	0	0	0	3	6	8	5	8	6	8	8	10	10	8	2	0	0	1	4	8
9	0	0	0	≡	≡	≡	≡	≡	6	10	≡	≡	6	10	1	3	1	1	2	1	10	≡	≡	≡	6	9
10	≡	0	8	10	10	10	9	9	5	10	10	10	9	9	6	8	1	5	6	10	9	10	7	9	8	10
11	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	9	10	≡	10	11
12	≡	≡	≡	10	6	5	7	3	7	5	≡	≡	≡	≡	10	≡	≡	≡	10	≡	10	≡	≡	≡	9	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	10	10	10	10	10	10	10	10	13
14	10	10	10	6	7	≡	≡	≡	10	10	10	10	10	10	10	10	10	9	9	≡	≡	≡	≡	≡	10	14
15	≡	≡	10	≡	≡	≡	≡	≡	10	10	4	10	7	9	10	10	≡	10	≡	≡	≡	10	10	10	10	15
16	8	9	10	10	10	10	10	≡	≡	≡	10	10	10	8	7	8	10	10	≡	7	≡	≡	≡	≡	10	16
17	≡	8	10	8	≡	≡	≡	≡	10	≡	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	≡	≡	≡	10	23
24	10	10	10	≡	10	10	10	10	10	10	10	8	10	7	10	8	9	10	10	4	0	0	7	0	8	24
25	0	3	0	0	0	0	0	1	4	7	6	5	5	9	10	9	1	1	1	10	8	0	0	5	4	25
26	0	0	≡	3	0	0	0	3	7	6	5	6	8	9	10	10	9	7	1	0	9	10	10	10	6	26
27	8	10	10	≡	≡	≡	6	7	3	2	7	8	9	8	10	10	9	9	10	9	10	10	10	10	9	27
28	10	10	10	10	10	10	≡	≡	10	10	10	7	10	10	10	10	10	9	10	10	10	≡	≡	≡	10	28
29	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	8	10	4	3	6	4	10	≡	≡	≡	10	9	29
30	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	≡	4	0	1	7	10	9	30
31																										31
Means.	8·2	8·3	8·7	8·7	8·7	8·8	8·6	8·6	8·6	9·1	9·3	9·4	9·2	9·3	8·9	8·8	8·1	8·5	8·4	8·2	8·4	8·1	8·4	8·5	8·8	Means.

JULY 1885.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	1	0	0	0	1	0	0	0	2	0	6	1
2	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	3	0	0	1	1	0	0	2
3	0	6	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	9	3
4	10	≡	0	9	10	10	10	10	10	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	8	4	7	8	6	10	10	10	10	10	9	10	≡	≡	≡	≡	≡	≡	10	9	10	10	9	13
14	10	10	2	2	3	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	5	7	6	10	10	≡	≡	10	≡	≡	≡	≡	10	10	≡	≡	7	≡	≡	≡	9	18
19	8	8	0	6	0	0	0	4	8	10	10	10	10	10	10	10	10	10	10	4	0	10	4	≡	7	19
20	0	0	4	0	0	0	0	5	4	5	10	5	3	8	6	10	10	5	1	7	3	3	0	0	4	20
21	0	0	3	0	0	0	0	0	0	4	4	0	1	0	1	2	3	1	1	0	0	2	3	2	1	21
22	8	10	9	10	≡	≡	≡	≡	≡	10	9	10	10	10	10	≡	10	10	10	10	10	8	4	6	9	22
23	10	4	2	≡	0	0	0	0	0	0	5	5	6	4	0	3	2	4	2	2	0	0	0	0	2	23
24	0	0	0	0	0	0	0	0	0	0	0	4	4	0	4	7	9	10	10	9	10	10	≡	≡	4	24
25	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	25
26	≡	8	7	10	9	8	6	5	7	10	4	9	8	10	10	10	10	10	10	9	8	5	0	0	8	26
27	0	0	0	1	6	6	4	3	2	4	6	6	10	7	1	1	6	3	1	0	0	0	0	0	3	27
28	0	0	0	0	0	0	0	0	0	0	7	8	3	2	0	1	2	2	3	0	0	0	0	0	1	28
29	0	0	0	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	29
30	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	1	0	0	0	0	0	0	0	0	30
31	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
MEANS.	6·6	6·7	6·1	6·5	6·1	6·4	6·2	6·7	6·9	7·2	7·5	7·6	7·6	7·2	6·9	7·2	7·5	7·3	7·2	6·8	6·4	6·7	6·3	6·4	6·8	MEANS.

AUGUST 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	0	0	2	0	0	1	2	1	1	1	1	1	2	3	3	6	6	5	2	0	0	0	0	0	1	1
2	0	0	0	0	0	0	≡	≡	≡	10	1	2	10	10	10	10	≡	≡	1	0	10	≡	≡	7	6	2
3	≡	≡	≡	≡	≡	1	≡	≡	≡	≡	6	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	8	10	10	8	7	8	≡	≡	4	0	0	9	4
5	0	0	2	1	5	7	4	3	6	1	1	3	2	6	1	6	1	1	0	0	0	0	0	0	2	5
6	0	3	9	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	8	≡	9	6
7	9	≡	7	9	10	8	10	10	4	10	9	10	7	≡	9	≡	10	4	≡	≡	≡	≡	10	≡	9	7
8	10	10	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	6	10	10	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	10	10	≡	10	≡	≡	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	3	≡	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	10	9	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	10	9	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	0	5	1	2	1	8	7	7	7	3	1	0	7	17
18	0	0	6	10	8	6	5	6	5	5	3	5	9	8	4	8	4	5	3	2	2	1	0	0	4	18
19	0	0	0	0	0	4	2	4	5	1	2	1	6	4	6	8	3	4	2	2	8	0	1	0	3	19
20	0	0	0	0	0	0	0	0	0	0	0	0	0	8	9	7	5	5	0	0	0	0	0	0	1	20
21	0	0	0	0	1	1	2	0	3	4	5	3	5	3	2	0	1	0	0	1	0	2	4	3	2	21
22	1	0	0	1	4	10	9	10	9	10	10	8	9	10	10	≡	8	6	5	7	≡	8	0	0	7	22
23	1	0	0	0	0	1	1	1	1	1	2	6	5	0	10	9	3	3	9	5	0	0	0	0	2	23
24	0	0	0	5	6	2	1	1	1	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	1	0	5	24
25	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	25
26	≡	10	10	10	10	10	10	10	≡	≡	≡	8	10	9	10	10	10	10	10	10	≡	≡	10	10	10	26
27	4	≡	10	10	4	≡	10	10	10	10	9	9	9	10	10	10	10	10	10	≡	≡	≡	10	10	9	27
28	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	9	8	3	7	5	4	≡	≡	≡	≡	9	28
29	10	10	10	10	10	10	10	10	10	10	10	10	9	10	≡	≡	≡	≡	≡	4	≡	≡	≡	10	10	29
30	10	9	10	10	10	10	10	10	≡	≡	≡	8	9	10	10	3	8	10	7	3	≡	0	0	2	8	30
31	0	4	1	4	8	8	2	7	10	9	5	8	9	8	3	9	6	2	2	0	0	2	3	0	5	31
Means.	5·6	6·0	6·7	7·1	7·3	7·4	7·7	7·8	7·9	7·8	7·4	7·6	8·1	8·4	8·3	8·9	7·5	7·6	7·3	6·6	7·7	6·2	5·7	5·9	7·3	Means.

SEPTEMBER 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	0	0	0	0	0	0	0	0	1	4	8	4	9	8	1	6	5	8	3	10	≡	≡	≡	≡	4	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	10	10	≡	8	10	≡	≡	10	10	10	≡	6	10	5
6	4	10	10	10	9	10	1	4	10	10	10	10	10	10	≡	≡	≡	10	9	7	1	2	2	1	8	6
7	8	10	10	10	≡	9	9	10	10	10	≡	10	10	8	8	10	≡	8	3	≡	≡	≡	2	≡	9	7
8	≡	≡	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	≡	10	4	10	0	0	0	0	0	0	7	17
18	0	0	0	0	0	0	0	0	2	10	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	18
19	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	5	10	10	2	8	≡	≡	0	0	0	8	0	7	26
27	0	1	2	0	0	0	0	3	10	4	3	7	10	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	6	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
Means.	8·7	9·0	8·8	9·0	9·0	9·0	8·7	8·9	9·4	9·6	9·6	9·5	9·8	9·8	9·6	9·5	9·6	9·9	9·2	9·2	9·0	9·1	9·1	8·9	9·2	Means.

OCTOBER 1885.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	8	9	10	10	9	8	≡	≡	0	0	0	0	0	7	10
11	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	≡	0	0	0	≡	0	5	11
12	≡	≡	0	0	0	1	4	9	10	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	12
13	10	10	10	10	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	10	14
15	2	0	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	10	10	7	1	≡	10	≡	≡	≡	9	15
16	0	0	0	0	0	0	1	1	0	4	2	4	7	8	8	8	7	8	9	10	10	10	10	10	5	16
17	10	10	≡	≡	10	10	≡	10	9	8	4	8	9	10	10	10	10	10	10	≡	≡	0	0	0	9	17
18	5	10	10	9	0	1	4	9	≡	≡	≡	8	5	0	0	0	0	1	4	0	0	0	0	0	4	18
19	0	0	0	0	0	0	0	0	0	1	0	≡	≡	≡	≡	≡	≡	1	≡	≡	≡	≡	≡	≡	5	19
20	≡	4	2	0	3	4	8	10	10	10	8	8	8	10	≡	10	8	9	10	10	9	8	≡	≡	8	20
21	7	8	9	0	0	0	1	1	4	4	7	8	9	1	10	9	10	10	6	2	0	0	0	0	4	21
22	0	0	0	0	0	0	0	0	1	6	4	9	7	10	7	9	4	8	8	5	8	6	5	≡	4	22
23	≡	10	8	9	8	4	≡	4	2	1	3	6	≡	≡	≡	≡	3	8	≡	0	0	2	8	4	6	23
24	2	0	0	0	≡	9	≡	≡	≡	≡	1	0	2	0	0	2	0	0	0	0	0	0	0	0	3	24
25	0	0	0	0	0	4	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	7	2	0	1	0	2	0	0	0	0	0	0	0	10	4	29
30	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
MEANS.	7·6	7·5	7·4	7·0	7·1	7·5	8·2	8·5	8·3	8·5	8·1	8·7	8·9	8·7	8·9	9·0	7·8	8·4	8·6	7·7	7·7	7·3	7·8	7·6	8·0	MEANS.

NOVEMBER 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	5	5	≡	10	10	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	5	3	2	1	0	0	0	0	0	0	6	9
10	0	0	0	0	0	0	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	9	≡	≡	≡	≡	10	10	10	0	0	≡	9	14
15	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	3	0	0	2	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	3	4	4	4	2	1	1	0	0	1	0	0	0	0	0	0	0	0	1	18
19	0	0	0	0	0	0	0	0	3	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	19
20	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	8	10	10	≡	10	20
21	10	8	8	10	10	6	10	9	7	7	8	9	10	7	5	2	4	0	3	0	0	0	0	0	6	21
22	0	0	0	0	3	3	1	0	1	2	0	1	0	0	0	1	0	0	2	3	9	10	10	7	2	22
23	5	1	0	4	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3	9	23
24	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	10	10	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
Means.	7·2	7·0	6·9	7·1	7·4	7·3	7·6	7·6	7·5	7·6	7·6	7·7	7·6	7·2	7·3	7·3	7·2	7·0	7·1	7·1	7·2	7·0	7·0	7·0	7·3	Means.

DECEMBER 1885.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	≡	≡	≡	10	≡	0	≡	≡	0	8	5
6	≡	≡	≡	≡	≡	≡	0	1	6	8	2	2	3	4	3	9	0	0	0	0	0	0	0	0	4	6
7	0	0	0	0	0	≡	≡	≡	9	2	1	0	≡	0	≡	≡	10	4	5	0	0	0	0	0	4	7
8	0	0	0	0	≡	≡	≡	≡	≡	9	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8
9	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	10	10	≡	8	7	0	2	≡	≡	≡	≡	≡	9	9
10	≡	0	0	0	0	0	0	0	0	0	0	2	0	0	0	≡	≡	≡	≡	≡	≡	0	0	≡	3	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	6	≡	6	≡	8	6	10	9	10	10	8	≡	≡	≡	≡	9	10	9	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	10	≡	10	10	16
17	≡	≡	≡	≡	0	0	0	0	0	0	≡	≡	4	10	2	0	0	5	5	6	1	7	1	0	4	17
18	0	0	1	0	0	0	0	1	7	8	9	10	6	2	1	1	1	1	1	0	0	0	0	0	2	18
19	0	0	1	1	0	0	0	0	2	3	6	6	3	0	0	0	3	1	0	0	0	3	≡	≡	2	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	10	8	5	10	20
21	8	8	1	6	0	8	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10	≡	≡	10	10	9	9	21
22	≡	≡	≡	10	≡	≡	≡	≡	0	≡	6	≡	8	9	10	10	10	9	6	10	9	9	10	9	9	22
23	10	10	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	≡	≡	0	0	0	0	0	0	0	4	7	24
25	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	7	8	≡	8	≡	≡	≡	≡	4	0	0	0	≡	≡	8	26
27	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	10	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	10	8	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	8·6	8·3	8·1	8·2	8·1	8·6	8·4	8·3	8·5	8·5	8·7	8·9	8·7	8·2	8·2	9·0	8·4	8·0	7·8	7·9	7·4	7·7	8·0	8·0	8·3	Means.

JANUARY 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	10	10	1	4	0	0	0	0	0	7	5
6	0	0	0	0	0	0	0	0	1	2	1	0	2	2	0	0	1	0	0	0	0	0	0	0	0	6
7	0	0	0	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	10	6	7	≡	≡	10	≡	≡	≡	≡	≡	≡	3	1	0	0	8	9
10	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10
11	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	2	10	≡	≡	≡	≡	10	4	2	≡	≡	9	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	6	≡	≡	10	≡	≡	≡	9	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4	≡	≡	≡	10	17
18	≡	≡	≡	10	6	3	0	0	0	0	0	0	3	8	0	10	8	≡	≡	10	6	0	3	2	5	18
19	10	3	0	0	0	0	0	0	7	8	9	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	0	8	10	6	19
20	10	10	2	0	10	10	10	10	1	2	9	10	10	5	0	8	3	3	8	10	8	3	10	3	7	20
21	7	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	1	0	8	10	0	4	8	22
23	1	2	8	≡	≡	≡	9	9	8	≡	≡	≡	≡	8	≡	10	6	6	8	≡	≡	≡	10	10	9	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	8·6	8·5	8·4	9·0	9·2	9·1	9·0	8·9	8·9	9·0	9·2	9·4	9·5	9·2	8·9	9·6	9·0	8·9	9·1	9·0	8·5	7·9	8·4	8·4	8·9	Means.

FEBRUARY 1886.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	9	0	4	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	0	0	9	2
3	0	0	0	0	0	0	1	0	1	2	2	1	1	0	0	2	0	1	0	0	0	0	0	0	0	3
4	≡	≡	≡	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	4
5	0	0	0	0	5	10	9	10	10	10	10	10	9	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	8	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	10	10	10	13
14	≡	≡	≡	≡	10	10	10	10	10	10	6	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	10	9	10	≡	≡	≡	≡	≡	≡	9	9	7	9	8	10	9	2	9	15
16	9	8	2	2	4	3	3	3	6	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16
17	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	3	1	8	10	10	7	1	9	9	3	17
18	7	9	10	10	10	6	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	10	4	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	1	5	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	24
25	≡	≡	≡	≡	≡	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	25
26	0	0	≡	≡	≡	≡	≡	6	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29																										29
30																										30
31																										31
MEANS.	8·4	8·2	8·6	8·3	8·2	8·0	8·4	8·2	8·4	8·4	8·0	8·0	7·8	8·0	8·2	8·4	8·2	8·5	8·2	8·5	8·4	8·2	8·1	7·9	8·2	MEANS.

MARCH 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	10	10	10	4	3	8	10	10	≡	≡	≡	≡	10	≡	≡	≡	≡	10	9	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	8	≡	2	0	0	0	0	0	0	7	4
5	0	0	0	0	3	5	5	9	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	0	0	10	7	5
6	≡	≡	≡	≡	0	≡	≡	≡	≡	8	≡	8	≡	≡	10	≡	9	≡	≡	≡	≡	10	0	0	9	6
7	0	0	0	0	1	10	10	9	8	9	9	9	10	8	10	9	10	10	10	0	0	0	0	0	6	7
8	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	10	9	8	9	8	2	2	0	≡	8	8
9	≡	0	0	0	2	4	6	7	9	9	8	7	9	10	9	8	8	8	9	2	0	0	0	0	5	9
10	0	0	0	0	0	7	9	9	6	6	4	5	6	0	8	≡	≡	≡	≡	0	0	0	0	0	4	10
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	12
13	0	0	0	≡	1	0	0	0	0	1	≡	≡	≡	≡	≡	≡	≡	≡	2	0	1	8	6	≡	5	13
14	≡	≡	10	≡	≡	≡	10	≡	2	0	1	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	14
15	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	4	10	≡	9	1	7	9	15
16	9	3	≡	≡	9	10	8	10	10	10	10	10	10	8	10	10	10	10	10	≡	≡	9	≡	≡	9	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	≡	10	10	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	10	≡	10	8	10	10	10	≡	≡	10	8	10	10	10	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	10	10	10	10	10	10	≡	≡	10	10	≡	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	10	31
Means.	8·0	7·5	7·7	8·1	7·6	8·6	8·6	8·8	8·5	8·2	8·5	8·9	9·1	8·8	9·2	9·2	9·2	9·0	8·5	7·7	7·5	7·4	6·7	7·3	8·3	Means.

APRIL 1886.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	8	10	≡	≡	≡	≡	10	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	10	≡	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	6	4	9	10	10	8	9	9	7	3	9	6	2	0	8	10
11	0	0	0	2	4	≡	2	≡	10	≡	≡	≡	≡	0	1	3	10	1	7	10	8	1	0	0	5	11
12	0	0	0	0	0	0	0	0	0	0	1	1	2	1	9	≡	≡	≡	10	10	10	10	10	≡	4	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	10	≡	≡	≡	≡	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	10	≡	10	6	10	15
16	2	0	1	3	1	≡	1	1	1	0	1	0	0	10	7	4	0	5	10	10	10	9	10	≡	4	16
17	≡	≡	≡	≡	4	8	3	7	9	10	8	≡	≡	≡	≡	8	≡	≡	10	≡	8	3	3	7	8	17
18	8	9	9	2	9	9	9	10	≡	≡	≡	≡	≡	1	≡	≡	≡	≡	10	1	3	≡	2	3	8	18
19	2	5	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	19
20	≡	≡	4	≡	10	10	10	10	10	10	≡	10	9	≡	9	4	7	9	9	0	0	0	3	6	8	20
21	7	7	9	8	5	8	8	8	8	9	6	10	2	3	0	0	0	0	0	0	0	0	0	0	4	21
22	0	0	0	0	0	0	1	1	1	2	3	4	3	0	1	1	5	2	2	0	0	0	0	0	1	22
23	0	0	0	0	0	0	0	0	0	≡	3	8	10	10	10	10	10	10	10	9	10	≡	≡	0	5	23
24	0	0	0	0	5	3	8	9	8	10	9	10	10	≡	≡	≡	10	≡	≡	≡	8	0	1	0	6	24
25	6	≡	0	≡	≡	10	10	5	3	6	4	≡	≡	10	10	10	8	7	9	9	10	10	10	1	8	25
26	0	0	9	9	10	≡	10	1	10	10	7	8	9	6	7	5	8	8	9	9	3	0	0	0	6	26
27	2	2	2	8	10	10	9	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	27
28	≡	≡	≡	10	9	3	0	0	0	2	2	4	9	10	4	9	9	5	9	2	4	7	2	0	5	28
29	0	0	1	5	5	1	1	1	3	10	10	7	8	5	6	2	7	7	10	3	0	0	0	0	4	29
30	0	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	0	0	0	8	30
31																										31
MEANS.	6·2	6·8	6·8	7·6	7·7	8·1	7·4	7·4	7·8	8·0	7·7	8·5	8·7	8·1	8·3	8·1	8·8	8·4	9·1	7·9	7·8	6·9	6·4	5·8	7·6	MEANS.

MAY 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	0	0	1	2	6	2	6	9	10	10	5	7	3	2	6	8	1	2	1	4	3	0	0	0	4	1
2	0	0	0	0	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	8	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	10	9	4	3	5	1	0	1	0	0	7	6
7	0	4	3	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	5	0	8	7
8	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	≡	10	9	9	8
9	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	10	≡	10	≡	10	10	10	10	10	10	10	10	10	10	9	10	10	10	7	10	11
12	6	10	≡	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	5	7	8	8	10	12
13	10	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	10	8	10	3	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3	≡	10	10	10	≡	10	5	≡	≡	≡	10	15
16	≡	0	0	0	7	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	9	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	0	0	0	9	19
20	0	0	0	0	1	2	7	10	9	10	10	10	10	10	10	≡	≡	≡	10	10	10	≡	≡	≡	8	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	9	2	0	0	0	0	8	21
22	0	0	0	0	0	5	4	4	7	0	5	7	3	1	0	0	2	10	≡	≡	≡	≡	5	2	4	22
23	0	0	0	0	2	2	2	0	1	1	0	5	4	10	10	8	6	10	10	10	9	10	10	10	5	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	9	3	8	≡	≡	≡	≡	0	0	9	26
27	0	0	0	0	0	0	0	0	2	3	6	5	8	10	10	10	10	10	10	≡	10	≡	≡	≡	6	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	10	10	1	9	5	7	3	10	10	10	10	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	29
30	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	4	1	1	0	1	1	2	0	0	0	0	0	0	5	31
Means.	7·3	7·2	7·5	7·5	8·5	8·5	8·9	8·9	9·2	9·1	9·0	9·3	8·9	8·9	9·2	9·2	8·6	9·2	9·0	8·8	8·3	8·3	7·7	7·3	8·6	Means.

JUNE 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	0	0	0	0	0	0	0	1	10	10	=	8	5	6	8	8	7	8	8	6	8	10	10	10	6	1
2	10	=	=	=	=	10	10	10	6	=	=	=	10	10	=	10	10	10	10	10	10	9	9	3	9	2
3	0	5	0	10	7	8	6	10	10	10	10	10	10	10	10	10	10	10	6	2	0	0	0	0	6	3
4	0	6	8	9	9	9	7	7	5	8	8	9	8	7	1	2	8	9	10	3	2	5	0	1	6	4
5	7	9	9	9	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	5
6	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	6
7	=	=	=	0	0	0	0	0	0	0	0	0	1	1	0	1	1	3	2	0	3	7	9	7	3	7
8	0	10	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	=	=	10	8
9	=	=	=	=	=	=	=	=	=	9	=	=	=	10	9	9	9	9	=	=	=	=	8	=	10	9
10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	10
11	=	10	10	9	10	=	=	=	10	4	7	9	9	9	10	=	=	=	=	=	=	=	10	10	9	11
12	=	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	12
13	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	13
14	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	14
15	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	15
16	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	16
17	=	10	=	=	=	=	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	3	2	2	9	17
18	1	3	3	5	8	7	3	6	6	4	6	8	8	9	8	6	4	1	4	2	0	3	0	0	4	18
19	0	1	0	1	3	1	3	2	1	1	4	3	4	7	4	5	4	4	3	8	8	7	7	9	4	19
20	10	9	4	0	0	0	2	4	1	7	8	6	4	0	7	3	5	6	8	4	8	8	=	9	5	20
21	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	21
22	=	10	10	10	9	9	10	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	22
23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	23
24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	24
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	25
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	26
27	=	=	=	=	=	=	=	=	10	=	=	=	=	=	=	10	10	10	10	8	6	9	=	=	10	27
28	=	=	=	=	=	=	=	8	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	10	28
29	=	=	=	=	=	=	=	=	=	=	=	3	=	=	=	=	=	=	10	9	9	10	10	0	9	29
30	0	0	0	0	0	0	0	0	0	0	1	10	2	0	0	0	1	2	0	2	0	0	2	1	1	30
31																										31
Means.	7·6	8·4	8·1	8·1	8·2	8·1	8·0	8·3	8·3	8·4	8·8	8·9	8·7	8·6	8·6	8·5	8·6	8·7	8·7	8·1	8·1	8·4	8·2	7·7	8·4	Means.

JULY 1886.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	2	3	0	1	2	6	8	9	1	2	4	2	2	4	3	7	5	10	9	10	10	10	10	≡	5	1
2	≡	≡	10	≡	7	4	6	3	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	3	10	10	6	7	4	7	10	9	3
4	10	10	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	0	0	0	3	3	8	4
5	0	0	0	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	0	10	8
9	0	4	2	0	0	6	2	0	5	9	5	10	7	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	9
10	≡	≡	≡	≡	≡	≡	4	9	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	5	8	8	3	7	7	5	4	10	10	10	9	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	10	8	3	5	9	8	7	5	10	10	10	10	≡	≡	≡	≡	9	19
20	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	≡	10	10	8	8	10	10	≡	≡	10	10	10	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	10	7	7	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	10	24
25	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	≡	≡	10	10	10	25
26	9	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	9	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	9	7	≡	≡	10	10	10	7	3	≡	3	≡	9	28
29	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	10	≡	≡	≡	10	10	10	30
31	2	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	6	≡	≡	≡	≡	≡	≡	9	31
MEANS.	8·8	9·1	9·1	9·3	9·3	9·5	9·4	9·4	9·4	9·5	9·2	9·5	9·5	9·5	9·5	9·5	9·3	9·8	9·8	9·3	9·2	9·5	9·5	9·4	9·5	MEANS.

AUGUST 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	2
3	≡	9	3	10	10	≡	≡	≡	≡	3	10	10	10	9	10	10	10	10	10	3	2	1	0	0	8	3
4	0	2	10	0	0	2	0	5	10	10	10	9	10	10	10	10	10	8	10	≡	≡	≡	≡	≡	7	4
5	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	10	5
6	9	6	9	9	10	4	9	10	10	≡	≡	≡	≡	≡	2	≡	6	≡	9	10	2	9	9	10	8	6
7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	10	≡	≡	≡	≡	≡	9	8	≡	8	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	8	8	5	4	10	10	10	7	≡	≡	10	10	9	14
15	8	7	≡	≡	10	10	10	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10	1	3	6	10	8	9	17
18	10	10	10	10	10	≡	≡	≡	≡	3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	10	≡	9	18
19	≡	≡	≡	1	0	0	3	5	8	7	1	5	4	4	1	2	7	9	10	4	8	4	8	8	5	19
20	8	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	10	8	9	10	10	10	10	10	10	10	10	10	≡	≡	2	2	3	0	8	21
22	0	0	≡	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	2	1	1	1	1	0	1	22
23	0	0	0	≡	≡	≡	≡	≡	0	≡	1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	9	10	10	10	10	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	8·9	8·5	9·4	9·0	9·0	8·9	9·1	9·2	9·3	9·1	9·1	9·5	9·4	9·4	9·0	9·3	9·5	9·7	9·6	8·9	8·6	8·5	9·1	8·9	9·1	Means.

SEPTEMBER 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	10	≡	≡	6	4	10	8	9	8	≡	≡	9	2	0	0	0	0	0	7	2
3	0	0	0	0	6	9	0	2	8	5	0	0	0	0	0	3	2	0	1	0	0	0	0	0	2	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	≡	≡	≡	≡	≡	10	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	10	≡	7	10	12
13	10	10	10	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	10	10	13
14	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	7	≡	≡	3	0	0	9	14
15	0	4	2	0	≡	0	≡	0	0	6	≡	5	10	9	8	2	4	7	8	10	10	0	8	1	5	15
16	0	0	4	3	7	8	8	9	10	9	9	8	4	8	4	1	1	3	2	0	0	1	0	0	4	16
17	0	0	≡	1	2	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	≡	≡	0	≡	2	17
18	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	9	18
19	≡	≡	≡	1	1	0	0	1	1	1	3	6	5	10	10	10	10	3	2	0	0	0	1	0	4	19
20	0	≡	0	0	≡	≡	0	≡	≡	10	≡	≡	10	10	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	20
21	≡	≡	≡	10	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	≡	≡	9	9	21
22	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	≡	≡	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	0	9	24
25	≡	≡	≡	5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	10	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
Means.	7·3	7·5	7·9	7·3	8·2	8·6	8·3	8·4	8·6	8·5	8·5	8·6	8·6	8·8	8·5	8·5	8·6	8·4	8·1	7·6	8·0	7·8	7·6	7·2	8·2	Means.

OCTOBER 1886.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	10	≡	≡	≡	≡	≡	≡	≡	8	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	10	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	3
4	≡	≡	≡	0	8	≡	9	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	5	≡	≡	10	≡	≡	≡	≡	≡	≡	9	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	10	≡	10	8
9	≡	≡	≡	≡	10	≡	≡	≡	≡	10	10	6	6	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	10	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	10	10	≡	10	≡	10	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	20
21	10	10	10	9	10	≡	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	3	1	2	10	2	≡	0	0	0	0	0	7	22
23	0	≡	0	≡	≡	2	2	0	3	8	10	≡	≡	≡	≡	5	10	3	10	10	2	0	10	10	6	23
24	0	≡	≡	≡	≡	1	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	24
25	≡	≡	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	≡	≡	≡	≡	≡	7	25
26	0	0	≡	≡	≡	10	10	≡	≡	8	≡	≡	≡	≡	≡	≡	10	≡	≡	0	≡	0	≡	≡	8	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	0	≡	≡	≡	0	0	≡	0	≡	8	28
29	0	≡	0	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	0	9	9	10	10	≡	10	9	31
MEANS.	8·7	9·7	9·0	9·1	9·9	9·5	9·3	9·7	9·7	9·8	10·0	9·5	9·8	9·5	9·0	8·9	9·7	8·9	9·6	9·0	9·1	9·0	9·4	9·4	9·4	MEANS.

NOVEMBER 1886.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	8	10	10	6	10	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	10	10	10	7	≡	8	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	10	10	10	10	8
9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	8	≡	10	10	≡	10	7	10	6	10	9
10	≡	≡	≡	5	6	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	7	≡	≡	≡	8	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	1	≡	1	0	≡	3	3	3	4	7	8	5	7	9	7	12
13	10	10	6	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	9	13
14	6	≡	0	0	0	0	0	0	0	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	10	0	10	0	0	0	0	2	1	2	8	8	5	10	8	10	10	10	10	≡	≡	6	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	0	0	0	0	0	4	1	4	4	7	6	2	6	2	0	0	0	0	0	0	0	3	2	21
22	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	0	0	0	≡	≡	≡	≡	0	0	0	0	5	23
24	0	0	0	0	0	2	2	5	6	7	4	4	6	4	7	3	5	≡	≡	≡	0	0	0	0	4	24
25	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	0	4	25
26	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	9	26
27	≡	≡	0	0	≡	0	≡	≡	≡	0	≡	≡	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	8	10	≡	≡	9	10	≡	≡	≡	≡	≡	10	30
31																										31
Means.	8·8	9·0	7·9	7·7	7·9	8·1	8·1	8·9	8·7	9·0	9·0	9·4	8·8	8·3	8·9	8·7	8·9	8·7	9·1	9·1	8·4	8·3	8·6	7·9	8·7	Means.

DECEMBER 1886.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	3	2	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	9	1
2	0	≡	≡	0	≡	≡	10	≡	≡	≡	≡	8	≡	10	≡	≡	10	10	5	≡	0	≡	≡	0	8	2
3	0	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	8	10	10	≡	4	9	5	0	1	≡	10	10	10	4	≡	10	≡	≡	8	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	4	8	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	10	7	10	≡	≡	4	8	10	≡	9	≡	≡	≡	≡	≡	≡	10	≡	≡	0	0	3	1	4	8	10
11	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	10	8	≡	10	10	10	8	5	6	8	0	0	5	8	9	10	0	8	12
13	4	≡	10	6	7	9	≡	3	≡	0	0	0	0	0	0	0	0	0	4	2	4	4	0	1	4	13
14	0	0	0	0	0	0	0	1	4	9	10	9	10	7	10	10	7	2	0	0	6	3	9	10	5	14
15	9	10	10	10	10	10	10	10	10	10	10	8	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	9	8	10	7	10	10	10	3	1	0	0	9	2	≡	6	0	0	≡	0	≡	≡	≡	6	16
17	≡	≡	≡	≡	≡	3	≡	≡	≡	≡	≡	5	7	8	≡	≡	5	≡	0	≡	0	0	≡	≡	8	17
18	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	8	≡	≡	6	0	0	0	0	0	≡	≡	≡	≡	8	18
19	≡	0	4	4	10	10	7	2	1	0	9	10	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	5	19
20	0	0	0	0	1	0	0	4	3	1	7	9	9	2	6	≡	0	≡	≡	≡	≡	≡	≡	≡	5	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	0	0	0	0	0	0	0	10	10	5	≡	10	2	4	0	0	0	0	0	0	0	0	0	0	2	26
27	0	0	0	0	0	0	0	0	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	≡	5	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	0	0	3	7	1	3	8	2	2	3	0	≡	≡	≡	6	30
31	≡	≡	≡	≡	≡	10	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
MEANS.	7·8	8·3	8·5	8·0	8·6	8·2	8·5	8·7	8·7	8·4	8·6	8·6	8·6	8·4	8·1	8·7	8·0	7·9	7·1	7·4	7·3	8·4	8·4	8·2	8·3	MEANS.

JANUARY 1887.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	8	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	9	≡	10	2	6	9	9	3
4	≡	≡	0	0	0	0	0	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	8	4
5	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	4	1	4	7	≡	≡	≡	≡	≡	8	≡	≡	9	9	5
6	≡	≡	≡	10	10	0	0	8	10	≡	9	6	9	8	8	9	9	≡	8	3	≡	5	8	≡	8	6
7	≡	≡	≡	≡	≡	≡	≡	≡	7	≡	10	≡	1	1	0	4	5	0	3	8	6	1	3	1	6	7
8	7	8	10	3	5	≡	2	1	1	1	3	1	0	0	0	0	1	0	1	8	9	9	≡	≡	4	8
9	8	≡	10	10	10	≡	≡	7	≡	10	≡	≡	8	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	10	9
10	≡	0	≡	≡	3	2	0	0	0	4	2	3	4	2	7	7	7	10	≡	≡	≡	≡	≡	≡	6	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	2	≡	≡	4	≡	≡	≡	≡	≡	≡	3	0	0	0	0	0	0	2	6	14
15	2	3	5	5	0	0	0	0	0	0	0	4	2	6	2	0	≡	0	≡	≡	≡	≡	≡	≡	4	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	≡	≡	0	0	≡	0	0	0	8	23
24	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	9·3	9·1	9·2	9·0	8·6	8·8	8·2	8·9	9·0	9·0	9·2	9·0	8·5	8·7	8·8	8·8	9·2	8·6	8·7	9·0	9·5	8·6	8·9	9·1	8·9	Means.

FEBRUARY 1887.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	9	4	9	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	10	5
6	≡	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	8	9	10	7
8	9	9	5	2	3	3	7	7	6	7	5	1	2	0	4	5	7	4	8	7	4	3	5	8	5	8
9	4	0	0	0	0	0	3	5	2	0	0	1	1	0	0	5	6	0	0	0	0	0	0	0	1	9
10	0	0	0	0	0	0	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	7	10
11	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	4	≡	≡	2	0	0	0	0	0	7	11
12	0	0	0	0	0	0	4	0	0	1	1	1	2	9	10	10	10	10	9	0	0	0	0	9	3	12
13	8	7	3	0	0	0	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	13
14	≡	≡	≡	≡	≡	≡	≡	9	10	7	3	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	9	14
15	0	≡	≡	≡	1	0	0	0	≡	≡	≡	2	0	≡	≡	0	0	0	0	0	0	≡	0	≡	4	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	9	≡	10	10	0	0	0	0	2	8	25
26	10	10	7	6	5	0	4	9	9	8	8	3	0	0	5	3	9	10	10	7	10	≡	≡	≡	7	26
27	≡	≡	≡	≡	≡	≡	10	≡	1	0	1	1	3	8	9	7	1	4	3	0	0	1	0	0	5	27
28	0	0	0	0	2	3	9	10	9	10	10	9	9	9	4	0	0	2	0	≡	≡	≡	≡	≡	6	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	31
Means.	8·2	8·2	7·7	7·4	7·1	6·8	8·1	8·6	8·5	8·3	8·1	7·8	7·4	8·4	8·4	8·0	8·3	8·2	7·9	6·9	7·0	7·3	7·2	8·1	7·9	Means.

MARCH 1887.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	4	7	8	≡	≡	6	0	≡	≡	≡	9	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	8	3
4	0	0	0	0	0	≡	≡	≡	≡	≡	0	≡	0	0	0	0	0	0	0	0	0	0	0	0	2	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	2	0	0	9	9	7	8	8	7	8	8	4	7	2	2	2	3	2	0	6	2	1	4	6
7	1	1	3	0	0	0	0	0	≡	0	0	0	≡	0	0	0	0	0	0	0	0	0	0	0	1	7
8	0	2	0	0	2	1	7	6	6	6	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	8
9	≡	≡	≡	≡	10	10	≡	≡	≡	≡	7	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	10	≡	≡	10	10	≡	≡	≡	≡	0	0	5	0	9	11
12	3	6	9	≡	2	4	3	1	0	0	0	0	0	0	0	0	0	3	0	≡	≡	0	9	4	3	12
13	3	4	0	0	6	4	8	8	10	≡	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10	8	13
14	10	10	10	≡	10	≡	10	8	7	5	0	3	10	8	2	≡	10	10	10	≡	≡	≡	≡	0	8	14
15	0	10	2	10	10	10	10	10	10	1	2	7	0	1	0	0	1	1	10	0	0	≡	0	0	4	15
16	0	0	0	0	0	0	0	0	0	0	2	10	10	10	10	10	10	10	10	≡	≡	≡	≡	0	5	16
17	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	17
18	10	0	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	8	10	10	10	10	10	10	10	10	9	9	18
19	10	≡	0	8	10	10	10	10	7	10	≡	≡	≡	≡	≡	7	3	0	0	0	0	0	0	0	6	19
20	0	0	0	0	0	8	10	10	10	10	≡	10	10	10	10	8	≡	≡	≡	≡	≡	≡	≡	≡	8	20
21	≡	≡	≡	≡	4	2	0	0	0	0	0	0	≡	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	7	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	8	29
30	0	0	0	0	2	7	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	10	10	10	10	10	10	10	10	10	31
Means.	6·7	6·9	6·6	7·0	6·6	7·9	8·3	8·1	8·3	7·7	7·0	8·0	8·3	7·8	7·8	7·9	7·9	7·9	8·0	8·0	6·8	7·3	7·0	6·3	7·5	Means.

APRIL 1887.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	10	9	9	≡	10	10	1	2	1	4	3	10	9	8	7	10	≡	≡	≡	≡	≡	8	≡	≡	8	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	10	≡	≡	8	≡	3	2	9	4
5	2	0	0	0	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	≡	≡	≡	≡	≡	9	8	5
6	≡	≡	≡	≡	10	10	3	0	10	7	10	10	9	≡	10	10	10	10	10	10	10	10	10	7	9	6
7	6	10	≡	≡	≡	10	10	10	10	10	10	10	10	10	10	8	10	9	7	0	0	0	0	0	8	7
8	0	0	0	0	1	7	2	1	1	1	0	0	1	0	5	0	0	6	9	4	0	0	≡	0	2	8
9	0	0	0	0	0	4	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	3	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	2	4	6	3	1	0	0	1	2	1	0	2	0	0	≡	≡	2	12
13	0	0	0	1	0	3	6	1	6	0	1	0	4	8	7	6	3	9	10	10	10	0	0	0	4	13
14	0	0	0	0	10	9	8	9	1	0	1	1	0	2	1	9	8	2	3	0	≡	≡	≡	≡	4	14
15	≡	≡	≡	≡	10	≡	≡	≡	10	10	≡	10	≡	≡	≡	≡	9	10	10	≡	9	4	0	≡	9	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	0	≡	≡	0	9	16
17	0	0	0	10	1	4	10	3	0	3	1	3	8	8	10	7	10	≡	10	5	10	0	0	≡	5	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	3	8	≡	≡	≡	9	22
23	≡	≡	≡	≡	≡	7	≡	10	≡	≡	≡	9	7	≡	≡	≡	≡	8	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10	26
27	0	0	0	0	0	1	0	0	1	10	≡	≡	10	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	6	27
28	≡	≡	≡	≡	4	5	6	1	6	4	10	4	4	3	4	7	10	≡	≡	≡	≡	≡	≡	10	7	28
29	≡	1	3	7	9	≡	8	7	5	≡	≡	10	10	10	10	10	9	7	7	8	8	9	1	4	8	29
30	1	3	9	9	10	9	10	10	1	10	9	10	9	9	10	9	9	9	9	10	10	2	0	0	7	30
31																										31
MEANS.	6·3	6·1	6·4	6·9	7·2	7·7	7·4	6·5	6·5	7·1	7·4	7·3	7·4	7·6	7·8	7·9	7·9	8·0	7·9	7·4	7·4	6·8	6·5	6·4	7·1	MEANS.

MAY 1887.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	0	0	0	0	≡	≡	≡	≡	≡	≡	4	≡	≡	≡	≡	≡	≡	≡	9	≡	9	0	2	1	7	1
2	2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	10	10	10	10	10	10	≡	8	10	2
3	≡	≡	≡	≡	2	0	4	2	1	5	10	10	10	10	8	≡	10	≡	≡	≡	≡	≡	10	10	8	3
4	10	8	10	9	10	10	10	10	9	4	8	8	10	10	9	10	10	9	≡	≡	≡	≡	≡	≡	9	4
5	8	10	10	4	9	≡	10	≡	≡	≡	≡	9	2	3	7	9	9	8	10	≡	≡	≡	≡	≡	9	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	6	10	8	4	≡	≡	≡	≡	≡	≡	≡	≡	9	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	8	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	9	10	≡	≡	≡	≡	0	10	11
12	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	9	10	8	9	8	10	5	≡	10	8	≡	5	0	9	12
13	≡	0	0	3	0	1	7	3	8	2	2	5	1	4	3	3	6	8	5	9	10	10	10	≡	5	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10	14
15	≡	≡	≡	≡	≡	10	9	10	10	10	10	10	9	10	10	10	10	10	8	8	9	10	7	9	10	15
16	1	0	0	0	0	0	0	0	0	0	3	7	7	8	2	0	0	0	0	0	0	0	0	0	1	16
17	0	0	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	9	≡	9	17
18	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	10	≡	≡	10	10	10	10	10	10	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	≡	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	8	0	0	0	0	0	8	22
23	5	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	10	8	10	24
25	10	10	≡	≡	≡	≡	10	10	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	9	6	7	8	10	9	10	25
26	≡	≡	≡	≡	≡	≡	9	≡	≡	4	1	4	5	6	7	1	9	9	8	1	4	10	10	≡	7	26
27	≡	2	≡	≡	≡	≡	≡	≡	0	7	10	9	10	7	8	8	8	8	5	1	0	0	0	0	6	27
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	28
29	0	0	0	0	0	0	2	6	4	5	5	9	8	3	1	0	0	0	0	0	0	0	0	0	2	29
30	0	0	0	0	0	0	0	0	0	0	5	0	1	6	1	2	0	1	0	0	0	0	0	0	1	30
31	0	2	0	1	1	0	0	0	2	9	2	2	4	8	8	9	9	3	0	0	0	9	10	7	4	31
MEANS.	7·0	7·2	7·7	7·6	7·8	7·8	8·1	8·0	7·9	7·9	8·1	8·4	8·2	8·5	8·1	7·9	8·4	8·1	7·8	7·2	7·3	7·7	7·5	6·5	7·9	MEANS.

JUNE 1887.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	1	6	0	0	0	0	0	1	0	4	6	2	3	0	1	6	8	4	6	2	1	1	3	2	2	1
2	0	0	2	9	10	10	10	9	10	10	10	8	9	9	6	9	10	9	10	9	9	10	10	10	8	2
3	9	10	10	10	10	10	10	10	9	9	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	3
4	10	9	10	10	10	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	1	0	0	1	1	3	3	8	8	10	8	6	2	3	0	1	3	≡	5	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9
10	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	7	8	6	9	10	7	10
11	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	10	13
14	1	2	0	0	0	0	0	3	7	8	8	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	15
16	10	10	10	9	8	4	3	4	2	1	1	0	0	3	1	1	0	1	0	0	5	9	4	9	4	16
17	5	7	10	10	10	8	8	8	9	8	8	6	5	4	3	1	1	3	6	3	0	0	0	0	5	17
18	0	0	0	2	2	10	10	3	0	0	0	1	0	1	0	9	7	9	8	10	10	6	2	0	4	18
19	3	9	0	0	6	7	6	7	5	7	4	6	5	9	10	10	10	10	10	0	0	0	0	0	5	19
20	0	2	4	8	2	6	5	3	3	2	4	2	1	8	6	5	4	7	0	0	0	0	0	0	3	20
21	1	1	0	0	6	2	3	3	4	3	4	8	2	4	4	2	2	4	2	5	3	1	3	2	3	21
22	3	4	5	3	3	5	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	22
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	1	3	7	8	7	4	2	4	5	6	7	6	4	4	4	3	24
25	7	6	1	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	4	7	5	3	2	2	2	25
26	1	0	0	2	3	1	0	0	0	0	1	4	2	1	1	0	0	0	4	2	1	0	0	3	1	26
27	4	8	10	9	10	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	≡	9	27
28	≡	≡	≡	≡	10	8	6	≡	≡	9	10	≡	≡	≡	2	≡	4	5	2	0	0	0	0	0	6	28
29	≡	0	0	0	≡	0	0	0	10	10	10	10	10	8	9	10	10	9	9	9	10	0	2	9	6	29
30	10	10	0	4	10	≡	≡	≡	≡	≡	10	10	10	≡	≡	≡	10	≡	≡	2	4	3	0	0	8	30
31																										31
MEANS.	5·8	6·1	5·4	5·9	6·7	6·3	6·2	6·0	6·3	6·4	6·7	6·9	6·6	7·1	6·6	7·2	7·0	7·1	6·9	6·2	6·1	5·5	5·3	5·7	6·3	MEANS.

JULY 1887.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	3	2	0	0	4	3	2	9	10	9	10	10	10	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	8	1
2	≡	≡	≡	≡	≡	7	9	10	6	4	6	7	6	2	8	3	6	7	8	0	8	8	6	1	7	2
3	8	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	0	3	6	8	10	8	7	6	3	4	6	3	8	≡	≡	2	7	5
6	3	9	10	9	1	7	7	9	9	10	8	7	7	8	9	7	10	10	10	10	10	10	10	10	8	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	10	7	8	10	10	10	10	10	10	10	9	9	10	8
9	9	≡	10	≡	≡	≡	≡	≡	≡	10	≡	10	10	9	4	7	2	10	10	10	10	≡	≡	≡	9	9
10	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	≡	≡	≡	≡	≡	7	≡	≡	≡	10	≡	≡	≡	10	9	≡	≡	≡	9	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	15
16	≡	≡	≡	≡	≡	≡	≡	≡	8	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2	10	16
17	3	3	8	≡	≡	≡	8	10	≡	10	10	9	10	10	10	9	9	10	9	7	0	0	0	0	7	17
18	0	0	0	3	9	10	10	10	10	8	9	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	8	10	8	18
19	10	10	6	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	≡	≡	3	1	1	1	8	20
21	2	3	4	5	7	7	10	10	9	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	10	30
31	≡	≡	3	0	7	9	7	7	8	9	9	9	9	10	10	10	≡	10	10	10	10	≡	≡	≡	9	31
MEANS.	8·6	8·9	8·8	8·9	9·3	9·5	9·5	9·7	9·4	9·4	9·6	9·7	9·7	9·5	9·5	9·4	9·1	9·7	9·8	9·4	9·3	9·3	9·1	8·5	9·3	MEANS.

AUGUST 1887.

Amount of Cloud (0–10)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	4	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	1
2	≡	≡	≡	≡	10	10	10	10	10	9	10	10	10	10	10	10	10	9	10	9	10	≡	0	0	9	2
3	≡	0	0	1	1	4	6	2	2	2	4	4	4	1	0	0	4	7	3	3	1	1	0	1	3	3
4	1	0	0	10	10	9	9	10	10	8	10	10	10	10	10	10	10	8	10	8	5	2	2	7	8	4
5	6	6	2	8	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	3	6	10	10	10	9	5
6	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	9
10	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	8	8	10	6	10	10	10	≡	≡	10	≡	≡	9	10
11	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	10	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	10	≡	≡	10	12
13	10	≡	≡	≡	9	4	1	0	2	6	10	8	8	10	10	≡	≡	≡	≡	≡	≡	≡	≡	1	8	13
14	6	10	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	0	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	15
16	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	8	8	10	8	10	8	6	10	3	10	0	1	0	8	16
17	0	0	0	1	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	≡	3	≡	9	7	10	6	10	≡	8	0	0	0	8	19
20	0	0	0	10	10	≡	≡	2	10	10	10	9	8	10	8	10	≡	≡	≡	≡	0	0	0	0	7	20
21	0	≡	≡	≡	≡	≡	≡	0	6	8	≡	≡	10	10	9	10	≡	≡	5	3	5	0	0	0	7	21
22	0	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	9	≡	≡	≡	≡	≡	≡	10	23
24	≡	1	10	9	9	8	10	10	10	10	9	6	7	7	8	10	9	10	≡	8	10	10	7	8	9	24
25	3	3	3	8	7	7	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	10	7	≡	≡	≡	8	25
26	≡	2	4	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	9	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	9	10	6	8	5	1	7	7	10	10	6	9	8	8	27
28	10	9	10	10	≡	≡	≡	≡	≡	≡	≡	10	≡	8	≡	≡	≡	10	≡	≡	≡	8	≡	≡	10	28
29	≡	≡	≡	≡	10	≡	≡	≡	4	7	≡	≡	8	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	31
Means.	7·2	7·5	7·4	8·9	9·5	9·4	9·5	8·8	9·2	9·4	9·5	9·4	9·0	9·3	9·4	9·3	9·4	9·4	9·3	8·9	8·8	8·0	7·7	7·6	8·9	Means.

SEPTEMBER 1887.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	2	1	3	1	7	10	10	8	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	8	6	7	2	2	9	9	9	≡	9	3
4	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	10	10	≡	≡	10	10	10	10	10	10	10	10	10	4
5	10	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	10	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	6	≡	5	≡	≡	≡	10	9	0	10	3	8	4	6	≡	10	≡	≡	6	≡	≡	8	7
8	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	8
9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	9	≡	≡	≡	≡	≡	10	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	11
12	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	12
13	≡	≡	0	0	0	≡	≡	≡	≡	≡	≡	≡	10	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	9	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	0	6	0	10	0	0	4	3	3	5	9	≡	10	9	10	10	≡	≡	≡	≡	≡	≡	≡	≡	7	15
16	0	0	0	2	0	4	2	1	6	6	9	10	10	10	10	9	10	≡	3	4	1	3	0	0	5	16
17	≡	≡	≡	10	≡	≡	1	2	≡	9	10	5	9	7	8	10	9	9	0	0	0	9	0	0	7	17
18	0	0	0	0	0	0	0	0	7	6	5	6	4	4	8	≡	≡	≡	≡	≡	≡	≡	≡	≡	5	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	9	8	8	1	0	0	0	8	19
20	0	0	0	0	7	3	3	2	1	0	0	2	1	3	2	0	0	1	0	0	0	0	0	0	1	20
21	0	0	0	0	0	0	6	≡	0	0	≡	0	0	0	≡	0	0	2	≡	0	0	0	0	0	2	21
22	0	0	0	7	9	8	1	6	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	22
23	0	0	0	0	0	2	6	3	0	0	3	2	10	≡	10	10	9	7	7	2	0	0	0	0	3	23
24	0	0	0	0	9	3	3	3	6	6	7	6	7	6	2	2	6	7	10	10	≡	≡	≡	≡	6	24
25	≡	≡	≡	≡	≡	10	8	≡	7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	0	0	0	0	0	0	0	0	0	9	8	9	2	≡	≡	≡	3	3	8	10	≡	≡	5	28
29	≡	≡	≡	≡	8	≡	≡	10	≡	≡	10	6	10	9	7	10	7	10	10	≡	≡	≡	≡	≡	9	29
30	≡	≡	1	≡	10	≡	3	0	9	10	9	≡	≡	≡	≡	≡	≡	0	≡	0	0	0	0	0	6	30
31																										31
Means.	7·3	7·5	6·3	7·2	7·4	7·5	7·2	7·3	7·7	7·7	8·4	7·8	8·6	8·3	8·6	8·4	8·4	8·1	7·8	7·1	7·0	7·5	7·3	7·3	7·7	Means.

OCTOBER 1887.

AMOUNT OF CLOUD (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	2	0	2	0	0	0	7	7	4	6	8	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	10	3
4	≡	0	0	0	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4
5	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	5
6	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	6
7	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	2	10	7
8	1	0	≡	4	0	10	10	3	4	1	0	10	10	10	10	5	0	≡	1	0	0	0	1	6	4	8
9	4	2	1	≡	2	4	3	3	3	6	3	3	10	4	≡	9	10	2	10	≡	≡	≡	≡	≡	6	9
10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10
11	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7	10	10	≡	≡	≡	≡	≡	0	≡	≡	9	11
12	≡	5	4	4	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	≡	8	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	10	10	2	1	8	3	10	9	14
15	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	2	9	2	0	0	≡	0	0	0	0	0	0	0	6	15
16	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	8	0	2	0	1	3	1	6	16
17	3	2	0	0	0	0	3	0	3	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	20
21	≡	≡	≡	≡	0	≡	≡	≡	0	0	0	0	3	8	4	3	0	0	0	0	0	0	0	≡	4	21
22	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	22
23	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	3	10	23
24	≡	≡	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	10	10	10	10	10	10	10	10	10	10	24
25	10	10	10	10	10	≡	≡	≡	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	27
28	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	10	0	9	10	≡	≡	≡	≡	10	31
MEANS.	8·3	7·7	8·0	8·0	8·5	9·2	9·5	8·8	8·5	8·8	8·4	8·9	9·4	9·1	9·2	8·8	8·8	8·1	8·4	8·2	8·1	8·0	8·3	8·5	8·5	MEANS.

NOVEMBER 1887

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	10	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	5	4	0	2	10	≡	≡	≡	5	6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	4
5	≡	≡	≡	≡	≡	≡	2	≡	≡	≡	≡	≡	≡	9	≡	≡	≡	0	≡	10	8	7	10	10	9	5
6	10	10	10	10	10	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	6
7	10	10	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	0	10	7
8	6	3	10	≡	≡	≡	≡	≡	≡	≡	3	1	10	9	9	5	≡	≡	≡	≡	≡	≡	≡	≡	9	8
9	≡	10	10	10	≡	6	2	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9
10	0	0	0	0	0	0	1	0	2	6	≡	≡	≡	≡	≡	≡	0	≡	≡	0	0	≡	≡	≡	5	10
11	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	5	11
12	0	0	0	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	10	10	10	10	≡	5	12
13	10	10	0	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13
14	0	10	10	10	10	10	10	10	10	10	≡	10	10	10	10	9	3	0	0	≡	≡	≡	≡	0	8	14
15	0	0	0	0	0	0	0	0	0	0	0	3	10	10	10	10	10	0	≡	≡	≡	≡	≡	≡	5	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	18
19	≡	≡	≡	≡	0	0	10	10	1	≡	≡	≡	3	3	7	≡	≡	≡	≡	≡	≡	9	9	10	8	19
20	8	10	9	8	0	10	10	10	1	9	8	9	≡	≡	≡	≡	10	0	0	0	0	0	0	≡	6	20
21	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	1	3	10	≡	9	≡	≡	9	21
22	≡	≡	≡	5	0	0	7	7	8	≡	≡	10	10	10	≡	10	8	1	0	0	0	0	0	0	6	22
23	0	0	0	0	0	0	0	0	1	9	8	10	5	10	10	9	10	9	≡	≡	≡	≡	≡	≡	6	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	25
26	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	26
27	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	10	10	≡	≡	≡	≡	≡	9	10	10	27
28	8	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	28
29	≡	≡	≡	≡	≡	≡	≡	10	10	9	7	10	2	0	0	0	≡	10	≡	≡	≡	≡	3	3	8	29
30	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	30
31																										31
Means.	7·6	8·2	8·0	8·2	7·6	7·9	8·1	8·5	7·5	8·3	8·2	8·8	8·4	8·7	8·5	8·4	8·4	7·0	7·8	8·0	7·9	7·9	8·0	7·8	8·1	Means.

DECEMBER 1887.

Amount of Cloud (0–10).

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mid-night.	Mean.	
1	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	1
2	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	2
3	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	3
4	≡	≡	≡	≡	10	10	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	4
5	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	5
6	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	10	6
7	≡	≡	≡	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	7
8	≡	≡	≡	≡	≡	7	0	9	≡	≡	9	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	9	8
9	≡	≡	≡	3	0	≡	≡	≡	≡	≡	≡	≡	2	≡	9	4	7	9	≡	10	10	10	≡	7	8	9
10	10	10	4	6	≡	≡	0	0	2	9	≡	≡	≡	≡	≡	7	≡	0	10	≡	0	0	1	0	6	10
11	0	0	3	3	0	0	0	0	0	0	9	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	11
12	≡	≡	0	0	0	0	0	0	0	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	12
13	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	13
14	≡	≡	≡	≡	≡	≡	≡	10	7	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	14
15	0	0	0	0	0	0	≡	≡	≡	≡	≡	6	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	15
16	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	16
17	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	17
18	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	3	0	4	4	0	0	0	0	≡	≡	≡	≡	≡	7	18
19	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	10	19
20	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	≡	≡	10	20
21	≡	≡	≡	≡	≡	≡	0	≡	≡	≡	≡	3	6	10	6	10	10	10	5	7	2	4	10	0	8	21
22	0	0	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	6	2	0	8	22
23	0	0	2	0	10	0	3	0	1	10	10	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	7	23
24	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	0	0	0	0	0	1	0	≡	6	24
25	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	0	0	5	4	≡	≡	10	9	25
26	≡	≡	10	≡	≡	≡	0	0	0	0	0	0	0	0	0	≡	≡	≡	≡	≡	≡	≡	8	1	6	26
27	0	0	0	0	0	10	10	6	0	0	2	0	9	9	9	10	7	10	10	≡	≡	≡	≡	≡	6	27
28	≡	≡	4	2	0	≡	0	≡	≡	0	≡	≡	≡	0	≡	0	0	0	0	0	0	0	0	0	4	28
29	0	0	0	0	0	0	0	0	2	2	6	0	8	6	8	8	4	0	≡	0	0	6	≡	0	3	29
30	≡	≡	≡	≡	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	30
31	0	0	0	≡	≡	≡	≡	0	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	≡	8	31
Means.	7·7	7·7	7·2	7·5	7·4	8·0	6·9	7·3	7·5	8·1	8·9	8·1	8·5	8·7	8·6	8·4	8·3	7·7	8·2	8·5	7·9	8·0	8·4	7·7	8·0	Means.

DEPTH OF SNOW.

Each entry is the Mean of the depth measured on the date given and on the preceding and succeeding day.

Up to July 1884 the depth was measured at the Thermometer Stand 12 yards E.S.E. from the nearest part of the house; all the other measurements were taken at Post A, 23 yards E. from the nearest part of the house.

Up to July 1884 the measurements were taken at various times in the forenoon; all thereafter were made at 10^h.

Month.	Day.	1884.	1885.	1886.	1887.	Mean.	Month.	Day.	1884.	1885.	1886.	1887.	Mean.
January .	1	70	46	44	43	51	July . .	1	3	55	30	–	22
„	15	80	57	54	46	59	„	15	–	7	–	–	2
February .	1	107	66	85	35	73	August .	1	–	–	–	–	–
„	15	105	122	86	39	88	„	15	–	–	–	–	–
March .	1	114	119	85	44	90	September .	1	–	–	–	–	–
„	15	114	122	82	44	90	„	15	–	–	–	–	–
April . .	1	113	136	85	50	96	October .	1	–	–	–	–	–
„	15	105	135	122	49	103	„	15	–	31	–	–	8
May . .	1	117	128	104	67	104	November .	1	–	34	–	–	8
„	15	120	134	92	51	99	„	15	–	23	–	–	6
June . .	1	80	124	94	15	78	December .	1	5	32	–	18	14
„	15	55	87	63	–	51	„	15	33	44	13	46	34

OBSERVATORY LOG-BOOK.

1883.

Nov. 9.—Barometer No. 1252 was brought up yesterday, and hung in oak box beside the door of Mr Omond's room to-night.

Nov. 10.—To-day the first heavy fall of snow was encountered, the road being rendered impassable for ascent, and difficult for descent.

Nov. 12.—Glory seen on fog in north valley at 16^h 10^m: radius of ring about 2° by stephanome—red outside. There was also a small inner ring, a mere lump, also with red outside.

Nov. 13.—Just after sunset blue shadow of earth seen rising in eastern sky.

Nov. 17.—The floor of the Observatory was to-day ascertained to be 3 feet 3 inches below the Ordnance mark on the summit of the hill. The index point in the cistern of barometer in oak box is therefore 4405½ feet above sea-level. This result is, however, only approximate, as the mode of measurement, with a sextant and artificial horizon used at a low altitude, did not admit of very great accuracy. Barometer No. 1385 having had a bubble of air shaken out of its stem, was to-day hung inside large Observatory window.

Nov. 20.—Flash of lightning, with thunder not three seconds after, at 10^h 25^m. At 12^h 30^m telegraph instrument was examined, and lightning paper was seen to be scorched slightly. Another flash seen at 18^h 45^m. Telegraph bell rang at same time, but insulation was not in any way injured. A ladder was to-day lashed vertically to the iron cage for thermometer box. It stands about 6 feet clear above the cage, and is well stayed up.

Nov. 23.—House fly seen crawling inside window of living room.

Nov. 24.—This morning snow at door was about eleven feet deep—for the first time a "tunnel" had to be bored up to daylight. Small box mounted on ladder at 16^h.

Nov. 25.—After observation at 20^h the box inside iron cage was cleared out, all the instruments being taken in to the house.

Nov. 28.—A weasel to-day came and looked in at window about $14^h\ 30^m$. Max. ther. No. 48026 (Negretti and Zambra) was broken in setting at 17^h.

Dec. 1.—Glory seen at $9^h\ 15^m$ (see fig. 1). Red outside in both rings. Smaller one almost filled up by shadow of head. Radius of red outer ring $= 2°$. At $11^h\ 10^m$ and $12^h\ 0^m$ white fog-bow—apparently same size as ordinary rainbow. When very bright it was coloured red outside. Too large to measure by stephanome. Got water from Wragge's well by digging away snow.

Dec. 3.—At 1^h outside observations had to be given up till morning, as the snow was drifting in faster than one man could clear it out.

Dec. 6.—Fine all day, with fog and mist in valleys. Sunset red and green. Light from sunset sky gives strong atmospheric bands in spectrum, and at same time light from upper side of layer of fog gives only green part of spectrum. Blue is wanting both in it and in the sunset light. Corona round moon all evening. Red outside; radius 2° 8′. Occasionally an outer circle of bluish colour extending from red ring outwards to a radius of about 4° was visible. These measurements were taken at $20^h\ 15^m$.

Dec. 7.—Shifted thermometer boxes, putting out fresh small one with dry and wet No. 7. Min. No. 138545, Max. No. 138590. Bulbs of dry and wet about 60 inches above snow. At 13^h snow crystals of feathery form were falling.

Dec. 9.—At 7^h lightning rod was examined, and the crystals of drifted snow were found to form a thin slab, no thicker than the diameter of rod, pointing towards S.W., showing the wind had been steady. The hourly records for the night giving the wind as observed at iron cage, although mostly giving S.W. as direction, have some entries of W. and S.S.W.

Dec. 11.—Telegraph bell rung by earth current at $20^h\ 2^m$ and at $20^h\ 8^m$, insulation not injured. At 18^h the doors were so blocked with drift that no outside observation was taken. One was made with considerable difficulty at 19^h, and then the door closed for the night. The wind was S.W. at 19^h, and at 9^h on the 12th was N. This change probably took place early, as the fire smoked badly all night, which it does with N. winds.

Dec. 12.—Bulbs of thermometers in box were buried in snow up to 17^h. Wind very high all day. Snow drifted into box. The bulbs of dry and wet were not cleared of snow till after 17^h observation.

Dec. 13.—At 2^h rain was falling, and air felt much milder than indicated by thermometers. At 16^h rain falling on box froze as it touched it, forming a skin of ice. At 17^h rain turned into hail, which continued till 21^h, when snow began.

Dec. 14.—At 16^h hinges were taken off outer door, and screwed on inside. In consequence, no observation was taken at 17^h. The late thaw covered the pavement at outer door with about an inch of slush; this froze hard, and needed to be hacked away with a hammer.

Dec. 15.—To-day an arched porch of snow was begun over east door.

Dec. 16.—Heavy snow at night and in early morning. Depth at cage over 100 inches. During day strong N. and N.E. winds which swept snow away from roof and E. and W. sides of house. The depth at cage was reduced from 108 to 60 inches in less than 20 hours; the parts where it was beaten hard by our feet—as on track from door to cage—standing 5 to 10 inches above general level. At 8^h sky to N. (only part clear) was green. At night sky covered with detached masses of low misty cloud driving over hill top.

Dec. 17.—In early morning and also at night corona seen; at 2^h double ring, red outside in both.

At 22^h triple ring, red outside in all three. Radius of middle red, 1° 45′. Also lunar rainbow, white, radius 26° (colours, if any, very faint). At midnight faint corona. Lunar fog-bow at 23^h too large to measure. Drizzling rain came on at 18^h, with a temperature of 25°.

Dec. 18.—Badly defined corona at 6^h. Red outside. Radius $= 2°$.

Dec. 19.—At 13^h thermometers taken into house, and fitted to other small box. Put out again at $14^h\ 2^m$. Hence no temperature readings at 14^h, and no max. reading at 15^h. A tin box painted white was placed under thermometer box, and at $17^h\ 20^m$ the thermograph was put into it and the box shut tight. By 21^h the west side of tin box was covered with ice; but by 22^h ice almost gone. (It had been rain since 17^h, and a thaw came on gradually.)

Dec. 21.—This morning at 6^h Mr Omond's watch, the only timepiece at present in the Observatory, ran down, not having been wound. It was not observed for about half an hour, and then put on by guess. In consequence the 7^h and 8^h observations were taken at $7^h\ 5^m$ and $8^h\ 5^m$ respectively—and in consequence of inaccurate time sent up from Fort William the 9^h and 10^h observations were taken at $8^h\ 55^m$ and $9^h\ 55^m$ respectively.

Dec. 22.—At 21^h snow lying in large wreaths; a tail to S.S.E. of cairn.

Dec. 23.—$12^h\ 30^m$ cir.-str. seen to S. Reddish hue round sun; diameter about 15°. At $15^h\ 10^m$ sun sank into cloud bank. As it went down semicircle of colours formed over edge of cloud bank, red outside, like badly defined corona. Sky above covered with broken stratus, and not coloured at all. Snow has accumulated in deep drifts near house.

Dec. 24.—Rain began at midnight on 23rd, and continued all 24th. Snow crystals on box and ladder turned to ice, and at 7^h on 24th were melting away.

Dec. 25.—Very fine day. Air dry and warm. At 8^h yellow sky to E. At $8^h\ 15^m$ whole east sky from N.E. to S.E. green near horizon, blue higher up, and violet towards zenith. Filmy cirrus to E. Very beautiful. At noon sky cleared, and sun shone all afternoon. Fog or cloud covered lower hills, and filled valleys all afternoon. It rose sometimes as high as the Plateau of Storms, but was mostly below 3000 feet on Ben Nevis. Not another hill showed through it, however. Fleeting badly defined glories seen all afternoon on fog in north valley. Red always outside. 16^h very fine red sunset. Earth shadow seen to E. 17^h red streak to W. Pale green above. Dark blue sky. $21^h\ 7^m$ meteor seen. Brightness = Jupiter. No sound or sparks; moved from point S.S.W., 40° elevation to point S.W. by W. 25° elevation, where it disappeared in cloud bank. Bluish. Everything outside dried up. Ropes all slack.

Dec. 26.—Very fine views of sky and clouds. Sky at sunrise very red. Sky under sun continued red or copper coloured all day. At horizon, at right angles to direction of sun, sky blue; opposite sun, near horizon, green. These

colours were more or less marked all day. Fog filled valleys, and lay over lower hills, though not in such a continuous sheet as yesterday. The sky continued clear all night; stars very bright, but temperature did not fall. At 20^h it rose from 28° to 32°, and continued well above freezing point all night. At 15^h sun sank into cloud bank.

Dec. 27.—At 7^h red streak round eastern horizon. This gradually brightened, and turned to yellow just before sunrise; at the same time the sky near W. and S.W., horizon being blue-green in colour. The hills near were well seen, snow greatly melted off them. Before noon fog and mist came on, which continued all afternoon. No fresh snow having fallen for several days, the surface is hard and firm—in many places compacted into ice by the rain which fell at beginning of thaw.

Dec. 28.—Barograph was found to have stopped at 11^h on Dec. 27. Put on again at 2^h Dec. 28. Cause of stoppage unknown.

Dec. 29.—At 16^h 40^m three-bulb thermometer put out, hanging exposed on nail at east side of posts on which box was.

	Small Bulbs.	Medium Bulbs.	Large Bulbs.	Humidity (Saturation = 100).
17^h . .	32°·2	32°·1	32°·0	100
18^h . .	32°·0	32°·0	32°·0	100
19^h . .	31°·9	31°·7	31°·2	100
20^h . .	29°·9	29°·9	29°·9	100

At 19^h the small bulb was coated with ice, the others were free. It was the one to windward. The instrument was not examined again till 5^h on 30th, when it was found to be thickly covered with snow crystals, and quite unreadable. It was therefore taken in. Dry bulb temperature at 5^h, 22°·1.

Dec. 30.—Fine day, with wonderful colour effects. At sunrise the zenith sky was very blue. The sun rose from cloud bank. About 3° above which was a layer of dark stratus. Colours and clouds as indicated in margin. To the N.E. sky at horizon was a dirty-green colour. Sun shone brightly all day, with curious reddish or copper colour under it, increasing in intensity downwards to horizon. Max. reading of black bulb *in vacuo*, 47 inches above snow, 73°·8 at 13^h. Shade temperature at same time 19°·5. Meteor seen at 20^h. Started from Orion, and went downward at an angle of 70° to horizon to westward. Clear starlight night; very fine.

Red
Yellow
(Stratus)
Pale green
Cloud bank)

Dec. 31.—At 7^h dark red streak round eastern horizon for about 60°. At 8^h colours as shown in margin. At 9^h colours disappearing. Sun shone all day; dull reddish colour round horizon under it—greenish colours at opposite azimuth. Sunset red, passing into blue above S.S.E., sky copper colour. N.E. dark blue-green, becoming at 16^h 30^m a yellowish-green. Above sun after sunset, sky red, passing into blue, and that into green still higher up. Above the green a curious mauve tint. These colours gradually died out from above. The moon was green, and continued so as long as observed. Clear starlight night.

15° Pale violet
7° Green
4° Yellow
Horizon

1884.

Jan. 3.—At 7^h blood-red colour on eastern horizon, red and green to E. at 8^h. Sunrise red; very fine. Day dull, but with green and copper coloured sky to north. Southerly sky clouded and dark. Wind was S.E., and it was noticed, when fog blew up over the top from Glen Nevis, that the wind lulled as the fog came up. Dark clouds were hanging about all day, and in evening they formed a canopy over hill, leaving horizon clear. At 17^h 35^m lunar halo. Radius 17° (?). Colour white, very faint.

Jan. 5.—Very stormy. At 7^h 28^m wind southerly; blew lamp of observer out several times. This is the first time this has happened.

Jan. 6.—Everything covered with ice, either solid or crystalline. At 4^h thermometer box was frozen so fast that it needed chisel to open it. Copper wire stays on stove pipe grew to 4 inches diameter of solid ice. At 10^h some snow-flakes about 1 inch diameter were observed.

Jan. 7.—At 9^h there was more than an inch of solid ice on thermometer box and on thermograph (tin) box. At 20^h mist and cloud driving over hill, fleeting coronas (red outside) forming as they passed.

Jan. 10.—9th and 10th very stormy. At 14^h 35^m indicator of telegraph instrument moved by earth current. Corona seen about 20^h 20^m.

Jan. 11.—Heavy drift all forenoon. Thermometer box had to be cleared several times.

Jan. 12.—Thermometer box shifted. Taken in after noon observation. Max. and min. put out at 12^h 31^m. But dry and wet were so hard frozen in that they could not be got clear of the old box till 13^h, when they were put out. At 19^h the bulbs of thermometers were 38 inches above snow. At 21^h the box was covered with ice.

Jan. 14.—This last two days everything has been covered with ice; the thermometer box needed to be cleared several times, the ice being hacked off with a chisel. The box taken in at noon on Jan. 12th took about 40 hours to thaw, although it was standing in a large pail about one yard from side of stove.

Jan. 15.—Between midnight (Jan. 14) and 1^h lunar corona seen. Distinct orange ring, 2° 30′ radius; inside of which is the true corona, with blue next moon. Outside orange ring a bluish-green space edged with red or orange rim. This space did not look like a second corona; the colour was too uniform. Radius of outer red ring 5°. This green in the outer ring strongly resembled the green tints seen in the recent sunsets. Moon gave usual continuous spectrum, but as the spectroscope was moved aside, just after leaving the outer edge of all, a pale lilac colour appeared at the green part of spectrum. At 14^h the moon was surrounded by a very faint corona entirely blue.

Jan. 16.—At 10^h put out sunshine recorder for first

time. Sun was at times obscured by thin haze; a thick bank of cloud or fog lay over the other hills. Reddish-brown copper colour in sky under sun all day; and more faintly, pale green at northern horizon. Towards sunset a rosy haze to N.E. The sunset was fine, though the colours had not the peculiar tints of the sunset lights at the beginning of the month. As the sun sank into the low-lying cloud bank to westward, the south-western horizon was coloured copper and reddish, while the north-east was bluish-green, with pink clouds above it. After sun had set, colours were as in margin. The reddish colour was apparently on a very fine filmy cloud; above it sky was purple, passing into blue at zenith. The reddish glow died down from the top, and the lower colours turned into pale yellow, smoky to S., and pale green to N.W. Finally, a dark red streak was left in S.W., passing into yellow, green, and blue above. Venus appeared shining with bluish light. By 19^h the colours were all gone. Black bulb thermometer was put out at $13^h\ 35^m$, highest reading 73°·3, corresponding shade temperature 32°·0. Moon rose soon after 22^h, and till midnight was surrounded by a greenish-blue colour for about 15° on each side. Below this a reddish hazy colour near horizon. Colour near moon gave faint green, and nothing else in spectroscope.

Reddish
Green
Orange
Cloud

Jan. 17.—Mist from 4^h onwards all day.

Jan. 19.—Very fine in forenoon. Southern horizon yellow, northern faintly green; no copper colour seen. Black bulb put out, highest reading 76°·2, shade temperature 26°·5. At 14^h clouds began to appear, at $14^h\ 40^m$ sky was entirely overcast, and at 16^h top was covered with mist. Wind very high at night from S.W.

Jan. 20.—Very stormy all day. At 21^h Mr Omond and Mr Rankin went to take observation roped together.

Jan. 21.—Very stormy in early morning and evening. At 19^h, 20^h, and midnight, Mr Omond and Mr Rankin took observation roped together. No temperature observations taken at 21^h, 22^h, and 23^h. At 19^h a bright light was seen along the edge of the cliff, forming a white glare about 10 feet broad, and lighting up the whole top of the hill. May have been due to snow blowing over and getting illuminated from below.

Jan. 22.—No temperature observation taken at 1^h, but after that wind moderated, and ordinary observations were resumed. About 9 inches of fresh snow lying over old hard surface.

Jan. 23.—Very stormy, with heavy snow-drift. At 14^h box so choked with drift that wet and dry were unreadable; temperature taken from spirit of min. At 15^h the porch was so blocked with drift that exit was impossible, but at 16^h observations were resumed.

Jan. 24.—At 1^h the door of the thermometer box was found torn off its hinges lying on the snow. Boxes were shifted at 13^h, the first hour at which it was practicable; but dry and wet were not put out till 19^h. In spite of constant drift, the fresh snow was very much blown away.

Jan. 26.—In forenoon wind backed from S. to S.E., and blew hard. As the drift made it impossible to read thermometer at 13^h, Mr Omond and Mr Rankin went out tied together, but found it impossible to go further than the end of the snow porch with safety; at 16^h they got as far as the box, but could not see instruments as the drift blew up into their faces. No temperature observations were taken till 22^h, when wind moderated, and observations were resumed. There was thus a gap in the temperature observations from noon to 21^h inclusive. Quarter and half-hourly barometer observations were taken in afternoon. Lowest recorded reading (corrected to 32°) 23·173 inches.

Jan. 28.—At 9^h the thermograph was taken in completely covered with fine snow, which had penetrated by the hinges of the tin box. It was nevertheless working as usual. From 9^h till noon the top was clear, and the sun shone very hotly at times. At noon fog was observed coming on from N.W.

Jan. 30.—During the day the wind veered to N.W., and at 20^h the fire smoked so badly that the observers had to leave the house and stay outside for nearly an hour, till it moderated. One flash of lightning seen at $20^h\ 30^m$. At 22^h the needle of A B C telegraph indicator was found at D.

Jan. 31.—Top cleared at noon. Copper colour under sun, and green to N.; but not strong.

Feb. 1.—In evening the wind was very squally; observers needed to be roped at times.

Feb. 2.—At 6^h fog cleared off, leaving cumulus (5), and showing a filmy arch of light, extending from north-eastern to south-eastern horizon. At 7^h the eastern horizon was pale green and yellow below, and pink above. At 8^h the pink, yellow, and green had risen higher, and a red band was seen at horizon. By 9^h the sun was shining, with a brownish haze under it; sky bright and clear. At 10^h the sky was hazy, and a very fine misty or dusty matter was passing along above Glen Nevis; it was only visible when the sun shone brightly on it. At $10^h\ 15^m$ everything was clear, and the colours in the sky very strongly marked; but at $10^h\ 30^m$ the other hills were buried in fog. The fog continued gathering on and driving over the lower hills, and between 16^h and 17^h the top of Ben Nevis was covered again. At 11^h the thermometer box was taken off ladder and placed on a stand 17 inches above snow, while extra joint was being fixed to ladder. After 16^h observation, the max. and min. were put into fresh box on ladder 54 inches above snow, while the old box was taken in. The dry and wet were frozen hard into it, and while taking them out at 23^h the dry bulb was broken. At midnight wet bulb No. 7 was put out as a dry bulb.

Feb. 3.—At 4^h crystals of ice and sleet fell. By 15^h the thermometer box was thickly covered with ice; this was cleared off at 19^h, and no fresh ice formed till 7^h on 4th.

Feb. 7.—About noon two birds, thought to be hawks, were seen flying backwards and forwards over the ridge to N.E. of Ben.

Feb. 9.—At 15^h hill tops round were seen with very little snow on them. A weasel (white) seen at window next Mr Omond's room.

Feb. 13.—Not much snow on other hills; apparently none below 3000 feet.

Feb. 14.—At 16^h fog disappeared off Ben Nevis, leaving white mist rolling about below round the other hills, but sky clear. Faint copper colour to S.W. where horizon was hazy, and very faint yellow-green to N. At 17^h sun was setting into thick bank to S.W.; fog had partly cleared off other hills, and was driving over top of Ben at times. At $17^h\ 40^m$, just after sunset, there was a pale crimson streak above bank of cloud, then belt of stratus dark red, then yellow-green passing above into pale green, then a

purple glare passing into the blue sky above. At 17h 50m only streaks of yellow and red above cloud bank, above this crimson, above that a peculiar yellow-red passing through a whity-green into the blue of the sky. At 18h red streak to W.S.W., with belt of dark stratus above it, and pale green above that. Dirty yellow to N.W. and S.W. No colour to N.E. Other hills clear of fog, and stars coming out in clear sky. At 19h still a faint greenish glow low down to W. At 22h moon rose yellow in colour. At 23h there was a reddish or copper colour under her.

Feb. 15.—Very stormy. Every thermometer observation, except the one at 9h, taken by two observers roped together.

Feb. 16.—Very stormy; every observation from 9h to 19h inclusive taken by two observers roped together. At 20h, as soon as Mr Omond went outside door of snow porch, he was lifted off his feet and blown back against Mr Rankin, who was knocked over. Therefore no thermometric observations were taken at 20h and 21h.

Feb. 17.—Very stormy. Every observation from 9h to 21h inclusive taken by two observers roped together.

Feb. 18.—Snow porch almost entirely blocked with drift, no observation taken outside at 10h; every other one from 9h to 21h taken by two observers roped together. At 17h fog began to break into very dark scud flying close over hill. Top remained clear till 5h next morning.

Feb. 19.—Very stormy. Every observation from 9h to 21h inclusive taken by two observers roped together. The snow crystals formed on ladder, &c. for last few days have been of a greyish colour, with an oily taste.

Feb. 20.—Wind lulled in early morning, but rose again at night.

Feb. 21.—Very stormy in morning; lulled in middle of day. Top clear. At noon cir.-str. seen forming to S. and S.W. No special colours at horizon, but at 19h a pale glimmer to W.

Feb. 22.—Top clear. No colours in sky except faint copper colour under sun above white fog lying over southern hills.

Feb. 23.—Thermometer box shifted at 11h. At 19h whitish-green glow to N.N.E. Dark red low down to westward.

Feb. 24.—From midnight (Feb. 23) to 4h aurora seen. Got gradually fainter up to 4h. Only one streamer observed rising at intervals from the same part of arc. Arc very low down, not above 5° to top. No colours or sounds. At 9h top clear, and hills round free of fog. Copper colour under sun; other sky normal. At 13h white fog formed on hills E. and W. of Ben, and by 14h top in fog. Fog only lifted once during afternoon. Upper sky had some cirrus on it lying N.W. and S.E., moving probably from N.E.

Feb. 26.—Glories seen occasionally at cliff.

Feb. 27.—Minimum thermometer laid on cotton wool on snow all night. Reading at 9h 17°·7. Corresponding minimum in box 17°·1.

Feb. 29.—Stormy in early morning; door almost blocked with drift. Shifted thermometer box at 10h.

Mar. 1.—Snow porch at outer door is now about 33 feet long, with a rise of about 12 feet in its floor.

Mar. 4.—At 10h 50m solar halo observed. Red inside. Colours very faint. Approximate measurement of radius by stephanome 22°. At 20h lunar halo observed, white. Very faint, approximate radius 23° 45′. At 21h corona observed. Double. Usual colours from moon out to first red ring. Then bluish annular space tinged with red outside. Radius of first red 2°, second 4°.

Mar. 6.—Box shifted at 18h. By 19h coating of ice on box to windward.

Mar. 8.—At 5h 10m a peculiar glow was observed all round horizon. To N. and E. it was partly hid by banks of stratus, but to S. and W. it took the form of an arch or belt of light, white in colour, and dipping down to southern horizon. The breadth of the belt to S. was about 10°. The height of top, at highest point to W., about 30°. The upper edge was distinctly marked, the lower one filmy and indistinct. The stars were seen through it, and the sky above the dip to S. was very dark. It was calm at the time, cloudy and very quiet. At 6h the clouds to S. were very ugly. The wind slowly increased from S., and by midnight was force 6 to 7. Slight snow shower in forenoon.

Mar. 10.—Heavy squall at night. The 21h observation was taken by two observers, and none other was taken till after midnight.

Mar. 11.—Fine all day. At 5h detached thin clouds passing under moon formed coronæ at times. At 6h eastern horizon coloured yellow, blue, and violet. Though the sky was pretty clear, the atmosphere was scarcely ever dry, and detached masses of cumulus were observed floating above most of the surrounding hills.

Mar. 15.—At 20h the sky, where not obscured by clouds, was of a milky white colour, through which the stars were seen. At 23h, just before the moon rose, there was a cone of misty whitish-green light rising from eastern horizon.

Mar. 21.—At 17h shifted thermometer box.

Mar. 26.—Fine all day. Sky blue, without any unusual colours in it, except a brown haze round the sun. For most of the day there was white fog or stratus over the southern hills, while all the northern and western horizon was hid by a low-lying dark purple haze. Sky became overcast, and fog came on in evening.

April 1.—At 14h thermometer box was shifted.

April 7.—At 3h lunar halo observed, not well defined, white. Radius by stephanome 22° to 23°. At 11h thermometer box shifted.

April 8.—At 3h a double corona seen; and at 3h 5m a meteorite. All day cumulus fog over surrounding hills. At sunset at 20h the sky to N.W. was coloured as in margin, the yellow coming down to the horizon to westward. At 23h a blue lunar corona observed, radius about 4° 25′ by stephanome.

(Stratus)
Yellow and
Green
Red

April 9.—Lunar blue corona seen up to 3h. Very fine morning; but later cumulus fog formed over southern hills and in valleys, passing over Ben Nevis at times. By 15h fog was completely covering hill top.

April 10.—At 2h lunar corona observed. Inner space blue, then green ring, and red ring outside all. Radius of red ring 4° 15′. At 5h sunrise colours of sky seen as in margin. Horizon hazy all day; at night haze rose higher, and moon was seen through it of a blood-red colour.

Blue
Purple
Green
Yellow
Red

April 11.—In morning heavy cumulus fog over surrounding hills, occasionally passing along sides and over

top of Ben Nevis. Top in fog from 11^h to 15^h. At 23^h heavy cumulus fog all round, and red glare under moon. At 17^h 20^m an earth current moved needle of A B C telegraph indicator six letters on dial.

April 13.—At 4^h lunar corona observed, very misty looking, with red ring inside an outer green one. Cumulus cloud, and fog round horizon all day.

April 14.—Heavy dark clouds, and fog round horizon all day.

April 15.—Dark cumulus round horizon all day.

April 17.—Stratus and cumulus hanging about horizon all day. Sunset very fine, showing all the spectroscopic gradations of colour. At 22^h a magnificent aurora was observed. It formed a double arch of light, with dark space under it. At 22^h 5^m streamers were shooting upwards from all parts of both arches, and at 22^h 12^m the two disolved into one broad, badly defined arch. The centre of the upper arch was about 20° above horizon, and of the lower arch 10°. The upper extended from W.N.W. to E.N.E., and the lower from N.W. to N.E. After 20^h 15^m the aurora consisted mainly of horizontal waves of light, rolling upwards to nearly the zenith, and apparently converging there. Mingled with these waves were long rays, shooting upwards towards the zenith, and reaching to within about 15° of it. By midnight it had disappeared; but the upper edges of the clouds on northern horizon were still luminous. No definite reflection of the aurora in any of the lochs was observed, and no spectroscopic observations were made on it. A meteor was seen near zenith at 22^h 20^m. Quiet, fine, but rather dull weather followed for the next few days.

April 21.—At 8^h with light fog overcast sky, and temperature of 25°·8, small soft crystals of snow fell; dead calm at the time.

April 23.—Grey crystals of snow forming; some an inch and half long.

April 24.—From 22^h to midnight a luminous appearance in sky and clouds, especially to N.E.

April 25.—At 1^h a faint aurora seen; no arch visible, but streamers, very bright at times, were observed rising to a height of about 30°. At 2^h faint glimpses of the aurora were seen through fog. At 3^h neither arch nor streamers were seen, but spasmodic flashes of light rose, apparently from quite close at hand in the fog towards the zenith. At 3^h 5^m fog cleared off, and a cone of light with its base along horizon from N.N.E. to E.S.E., and its vertex 5° east of Cassiopeia was seen. At 4^h the cone was larger, reaching to within 20° of zenith. The needle of A B C telegraph instrument was moved on three letters by an earth current at 3^h 5^m. At 3^h 5^m bright meteor seen. Started at 30° elevation, bearing E. and S., and fell vertically downwards.

April 28.—At 3^h triangular patch of sky rising from N.E. horizon as far as Cassiopeia, of a milky aspect. Very few clouds at the time. Sun did not rise till after 4^h.

April 30.—At 1^h doorway was almost choked with drifted snow. At 10^h 30^m a heavy shower of very large hail fell.

Red
Green
Reddish
Yellow
)

May 3.—At midnight brilliant lunar corona observed; colours as in margin. It disappeared suddenly at 0^h 5^m, before there was time to take any measurements.

May 4.—The hills round Ben Nevis were seen to be covered with fresh snow for a great part of their height. At 14^h 45^m heavy hailstorm with thunder. The needle of A B C telegraph indicator moved on three letters.

May 6.—Box shifted after noon observation. Badly defined lunar corona seen at midnight. Radius of red ring 3° 45′; of blue 2°.

May 7.—At 8^h a solar halo observed, red inside, bluish colour outside. Fog was passing at the time, and when it came on, the halo disappeared; but a corona was seen formed on the fog. At noon snow came on and drifted heavily. At 15^h the doorway was blocked at the upper end, and no temperature observation was taken then or at 16^h; but at 17^h a hole was made vertically upwards. By this means the observations were continued, the hole being covered, when not in use, by sacking and boards to keep out drift.

May 11.—Solar halo observed at 10^h. Well defined; red inside. Radius by stephanome 22° 30′. Thermometer box shifted at 19^h.

May 13.—Faint solar halo, red inside, at 10^h.

May 18.—At 20^h thermometer box was covered with feathery snow crystals, particularly on the upper edge at the west side.

May 19.—At 9^h huge masses of cumulus cloud above southern hills. At 14^h 30^m thermometer box shifted.

May 22.—In the afternoon a tourist with a horse visited the observatory. This was the first horse up this year.

May 23.—At 11^h the higher clouds to northward were observed to be whirling round and getting torn to bits. At 13^h solar halo observed. Radius about 20°. Colours very brilliant, red inside, blue outside, yellowish in centre. Horizon hazy, with cumulus above it all day. A robin redbreast seen, singing near the second gorge, from observatory in afternoon. At 19^h the N.W. horizon was brownish-yellow in colour; and the sea near the Isle of Rum fiery red.

May 24.—Very fine; sky almost cloudless, but thick haze all round horizon. Before sunrise and after sunset a dense fog filled the valleys among the more distant hills to north and east.

May 25.—Very fine; but more fog hanging about the surrounding hills than yesterday.

Green
Yellow
Red
Haze

May 27.—At 3^h the north-eastern sky was coloured as in margin. At 10^h a green belt was seen above the horizon from S.W. to N.W., with dark objects appearing and disappearing in it. Hardly any snow to be seen, except on Ben Nevis, on the flat-topped hill to the eastward, and on the Cairngorms.

May 28.—A level sheet of fog filled all the northern valleys, coming as far south as the head of Loch Lochy, from 3^h to 9^h.

May 29.—At 9^h the large bulb of black bulb was covered with a film of moisture to windward. The readings of dry and wet were 39·7 and 39·1; clouds were passing overhead, almost touching the hill.

June 3.—Solar corona at 9^h 5^m. Red inside, blue outside. After 15^h the thermometer box was removed from ladder and placed on wooden stand, 13 inches above snow, while the upper joint of the ladder was taken off. At 16^h a fresh box was fixed on remaining part of ladder, 45 inches above snow. At 11^h the sky was overcast with stratus, and the clouds were observed to be thinner just above the top of Ben Nevis than elsewhere.

June 8.—At 23^h snow crystals began to form on thermometer box. At midnight lunar corona seen, red outside, with blue margin beyond. Radius of red 2°·30. Very misty; size apparently varying. *N.B.* This arrangement of colours probably explains the entry, on June 3, of a solar corona with blue outside red.

June 9.—At 1^h double lunar corona observed. Colours as in margin. The inner one had all the gradations of spectroscopic colours, the outer only blue and faint red. Radius of inner red ring 2°, outer 4°. When scud passed over the hill top the corona was hidden. At 2^h the inner rings observed as before; but the outer blue and red were not visible. During the afternoon the whole sky was covered with a pallium of cum.-str. clouds. The horizon was clear, and the sun was seen to be shining on the western sea and islands. Rum, Canna, north-west of Mull, and the Outer Hebrides looked as if they were slightly raised by refraction.

Red 2
Blue 2
Red 1
Yellow
Blue 1

June 10.—At 7^h all the surrounding hills were buried in white fog. Cir.-str. seen at 8^h 10^m moving from N.W. Mist came on at 13^h, and lasted till near midnight, when the air suddenly became very dry, with a strong S.W. wind.

June 11.—Short period of cold and drought, with strong south-westerly wind up to 3^h. Dry and wet at 2^h beyond Glaisher's tables. In afternoon James Miller found a flower growing on the rocks at the edge of the north cliff opposite the large cairn.

June 12.—All night the thermometer box was covered with glazing of ice. At 16^h the cage for instruments (5 feet high) was seen for the first time this year.

June 13.—Thermometer box shifted at 3^h.

June 14.—All night the thermometer box was covered with ice crystals.

June 16.—Very misty; the mist being thicker on sides of hill, but wetter on top.

June 17.—Foggy till 17^h 30^m, when top cleared, and mist sank below 3000 feet line. All the evening nothing was to be seen except a few hill tops rising through the clouds. This cloud was very level as a whole on its upper surface, but broken into many small billowy ridges. After sunset the sky just above this cloud to N.W. was blood-red, with yellow, green, and blue above. These colours continued all night, following the sun round from N.W. to N.E., and only disappeared at sunrise. At 19^h double or triple glories seen at east end of hill top. Colours as in fig. 2. No. 1 was very indistinct, a mere blotch of colour. No. 2 was the brightest of them. No. 3 was not so bright as No. 2, and sometimes was not seen; but, when visible, was quite sharp and distinct.

The following measurements were taken by stephanome.

	Red (2)	Blue (2)	Red (3)
R.T.O. . .	1° 55′	1° 50′	3° 10′
A.R. . . .	1° 55′	–	3° 30′

The glories were formed on the upper surface of the cloud layer mentioned above.

June 18.—The upper surface of the cloud layer surrounding hill was very level, and it came flush up against the sides of the hill without rising or falling, just like a sheet of water. About 7^h this cloud was rising bodily, and just before it reached the level of the hill top a thin wet mist came over the top from the north. At the same time glories were seen. At 8^h double fog-bow with faint glory round shadow of observer in centre seen. About $\frac{3}{4}$ of the circles were visible (270°), the rest being cut off by the shadow of the hill. Colours as noted in fig. 3. The inner (fog) bow was narrower, and not so distinctly coloured as the outermost. These bows were too large to measure by stephanome; they looked about the size of rainbows.

June 20.—At 15^h the hill was surrounded by fog, standing high above the top, but not resting on the sides of the hill. At 23^h the sky cleared overhead, the clouds apparently thinning away gradually without moving.

June 21.—Heavy dew and hoarfrost in early morning.

June 23.—At 4^h 15^m a 5-inch rain gauge was put out about 700 inches E.N.E. from cage—to be read hourly.

June 25.—All the early morning the wind was northerly and pretty strong. Coming up over the cliff it broke into eddies, the back-swirls of which, though not as strong as the true wind, were very distinct.

June 26.—At 20^h 20^m top cleared, leaving sky with cum.-str. (10) over it. Dense white fog covered western hills, and filled valleys to E. The sky gradually cleared, but fog came on again at midnight.

June 27.—At sunset the sky was coloured as in margin, with rays shooting upwards of pinkish colour to about 20°. At midnight the northern sky was still red, yellow, and green, above the haze. No fog in valleys.

Blue
Purple
Green
Red
Horizon

June 28.—Thick haze all round. At midnight the sky was scarcely coloured to the north at all.

June 29.—Though the sky was clear, the sunrise colours were very faint. In afternoon wind blowing up from Glen Nevis formed fog a little below Wragge's well.

June 30.—At midnight observed very low-lying white fog in Glen Nevis.

July 2.—At midnight long streamers radiating from the zenith were observed. They seemed to be composed of filmy cirrus, but looked almost like an auroral arch. They were about 45° long, and reached from N.E. to W.

July 5.—Lightning at 2^h 25^m. Needle of indicator moved. Thunder at 2^h 45^m, and rain at 2^h 48^m. Lightning again at 22^h 25^m.

July 11.—Thunder heard at 16^h 15^m. Hail at 17^h 15^m, and fog came on for a short time at 17^h 20^m. Faint badly defined corona at midnight.

July 19.—Small fragment of rainbow seen at 17^h. This is one of the very few occasions on which a rainbow has been seen from Ben Nevis as yet.

July 20.—Very fine morning, with clear views. The sea below dead calm—detached cumulus above other hill tops. At 9^h the formation of this cumulus from fog rising perpendicularly out of the valleys was noted. At 18^h rain was seen to be falling at the moor of Rannoch. At 21^h ugly heavy cumulus seen to the S.W., and at midnight snow came on.

July 26.—At 10^h solar halo observed, colours quite distinct, red inside. Radius of red by stephanome.

Mean, 22° 54′ . .	1st measurement,	22° 45′
	2d ,,	22° 30′
	3d ,,	23° 0′
	4th ,,	23° 20′

July 27.—Fine all day; fog rising from valleys, and forming cumulus above hills. Sea below quite calm.

July 28.—At 21^h the sky was covered with a pallium of stratus, and the valleys filled with fog, but to the west there was a distinct edge of light shining between the two layers.

July 31.—At 23^h and midnight rain in curiously large isolated drops.

August 1.—At 2^h the top and surrounding hills were clear, but fog lay over the moor of Rannoch. At 4^h fog hung in patches on the southern hills, and the clouds seemed to be closing down on Ben Nevis. At 6^h light fog was passing over the top, and for the rest of the day it was covered with dense fog or mist.

August 6.—From 22^h to midnight the moon shone brightly; the sky under it, down to the haze that hid the horizon, was of a brown colour, similar to the hazy brown colour seen round the sun.

August 7.—At 18^h a few drops of "thunder rain" fell.

August 8.—At 20^h thermometers 50852 and 50850 were put out in large box (old clock-box), as dry and wet, with max. 117293 and min. 116918. At 9^h 45^m max. 138590 and min. 138533 were taken in from small box on ladder. At midnight badly defined corona. Faint lightning seen from 23^h to 1^h on 9th.

August 9.—Heavy cumulus and haze round horizon all day. At 19^h fog came up from Glen Nevis and covered the top.

Greenish White
Yellow
Red
☽

August 10.—At 2^h a dim lunar corona observed. Colours as in margin. Cum. fog at horizon and over lower hills all day.

August 12.—At 3^h badly defined lunar corona, red outside. Radius of red = 2° 50′.

August 13.—Faint sheet lightning at 1^h.

August 17.—In early morning dense fog in valleys; at 8^h this fog was observed to be rising and covering the hill tops.

August 20.—At 6^h the sky was clear except for some light cirrus; the lower hills almost completely buried in cumulus fog; and the sky, below the sun, of a purple hue.

August 25.—The two following extra observations were made:—

	Bar.	Dry.	Wet.	Wind.	Force.	Cloud.
22^h 30^m	25·573	32·0	32·0	S.E.	1	Mist.
23^h 30^m	25·567	31·9	32·0	N.NE. var.	0–1	Mist.

At 23^h 30^m heavy gusts were heard at the east end of the hill, not coincident with and evidently much stronger than those passing the observatory.

August 27.—At 2^h faint aurora observed about 30° above horizon to westward. At 3^h the aurora was flashing all over the western sky. Meteors observed at 2^h 19^m, 2^h 23^m, and at 2^h 12^m.

☽
White
Yellow
Red
Blue
Green
Yellow
Red

August 31.—At 21^h 12^m a double lunar corona and a lunar fog-bow were observed. Colours of corona as in margin. Radius of outer red = 4° 32′, inner = 2° 15′.

Sept. 3.—At 23^h a large double lunar corona was observed.

Sept. 4.—Thunder was heard at 14^h 4^m, at 18^h 2^m, and below in valley to S.E. at 18^h 7^m. Heavy hail fell at 18^h 32^m. Meteor seen at midnight.

Sept. 11.—At 1^h corona observed. Radius of red ring 3° 22′, yellow inside the red ring, and having outside the red a blue margin. This corona was formed on thin scud passing over the hill; the margin was only seen when the scud was very thin.

Sept. 13.—At 19^h 20^m the sky after sunset was crossed by streamers radiating upwards, of a mauve colour, and extending to about 30°. Before this there had been merely red, green, and violet above the haze to westward, and a mauve glow to eastward. At 21^h aurora observed; single arch, no streamers, giving green band in spectrum distinctly. At 22^h the aurora had no streamers, but had two pendants hanging from it, sloping westwards. At midnight the lower edge had greatly lost its sharpness of definition, but streamers were rising from the western part of it, to a height of about 60°. These streamers appeared to be very long and thin.

Sept. 14.—At 1^h the aurora was well defined, with a wavy lower edge. No streamers, but waves or pulsations of light at intervals. This continued till 4^h, after which hour it gradually faded away. Very fine and clear all morning, but with a reddish-brown haze round and under sun, forming a rude corona at times. Beautiful sunset, but no streamers or distinct glow observed. Aurora again visible—at 22^h it formed a single well-defined arch, without streamers, but with two bright patches below it in the dark space. For the rest of the night it was seen dimly through fog, and apparently did not alter in character.

Sept. 17.—Meteor seen at 1^h 7^m, about 40° above horizon to the S.S.E. In the afternoon glories were seen on the fog in the valley to north. Red outside, with yellow, green, blue, inwards. At times, a faint outer one seen; but they all were too evanescent for measurement.

Sept. 18.—At 1^h 3^m A B C telegraph indicator was moved forward four letters. At 10^h solar halo with colours observed. Radius roughly about 20°.

Blue
Greenish
Yellow
Dark red
Horizon

Sept. 19.—At 5^h the eastern horizon was coloured as indicated in margin. Sun rose at 5^h 55^m. At 8^h red haze round sun of about 20° diameter. At 9^h sky hazy round sun, pale dirty white at horizon, and deep blue at zenith.

Sept. 20.—At 15^h glories seen on fog, very similar to those observed on Sept. 17. At about 22^h 5^m a large round black cumulus cloud came up from the S.W., with velocity 5, and went almost directly over the top of the hill, spread itself out forming a pallium.

Sept. 22.—Began to experiment with new rain-gauges with opening in side.

Oct. 4.—Fine morning; red and purple colours in sky between sun and horizon. While the moon was partially eclipsed, a strong double corona appeared round it.

Oct. 5.—At 1^h 15^m fog-bow, double, observed. Radii approximately 36° and 32°. At 1^h 30^m triple corona observed. Radius of 1st ring, 2° 0′; 2nd, 3° 5′; 3rd, 4° 20′. These numbers are only rough. All day the lower hills were buried in a level sheet of fog. Reddish haze under sun and moon. Beautiful sunset. Meteor seen to S.E. at midnight.

Oct. 6.—At 6^h eastern sky coloured as indicated on margin. Day very quiet and warm. After sunset, at 18^h, orange, yellow, green, and pink colours to westward. Some streamers in the pink. At 19^h dark red and pale green showing. Apparently no afterglow. At 14^h a wasp was seen on the top.

Pink
Pink streamers
Pale green
Red-orange-red

Oct. 12.—Lunar corona at 5^h. Colours as in margin. The outer blue in coronas of this type forms a distinct margin or glare.

Blue
Red
Blue
☽

This corona was formed on passing fog and scud; its size appeared to vary.

Oct. 16.—At 1^h bright light seen low down to northward; might be aurora, but no green line was visible in spectrum.

Oct. 24.—At noon sky to N.W. dirty yellow, at 13^h greenish and brown, and at 14^h bright red. At 19^h faint lunar corona visible.

Nov. 1.—At midnight the clouds above the hill had a very misty look, and seemed to hang down clear of the hill on each side.

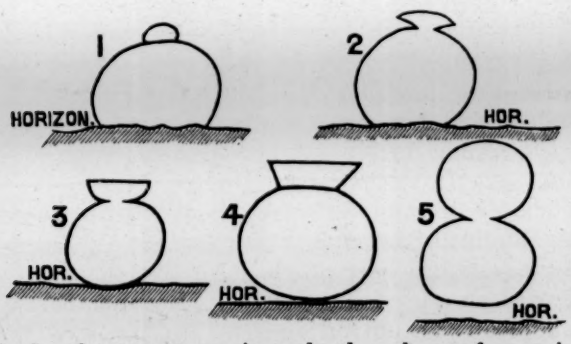
Nov. 3.—At 11^h fog-bow observed with colours, red inside.

Nov. 7.—At midnight faint misty corona observed; red outside. Diameter of red = 5°.

Nov. 10.—At 15^h there was heavy cumulus round horizon, but no fog in valleys. Near the sun the sky showed a brown glare, while the northern sky was pale green. At 22^h 10^m clouds were observed blowing across from the southern hills, but vanishing before they reached Ben Nevis.

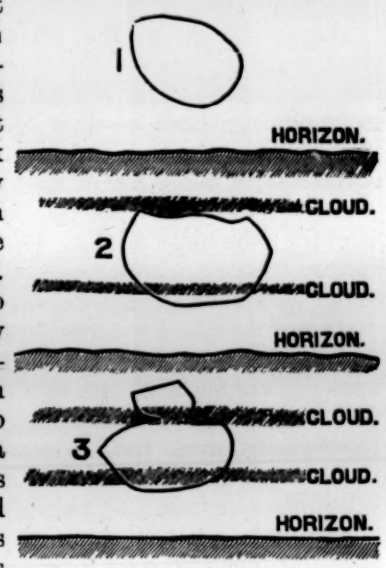
Nov. 13.—At 6^h faint corona seen, no distinct colours, but a faint red ring with white inside and blue out. At noon glory and fog-bow seen in valley to northward. Sky beneath sun at noon bright yellow. At 19^h dark belt all round horizon about 5° high, darkest to westward; the rest of the sky milky looking.

Nov. 14.—At 7^h the eastern horizon was brightly coloured; the order of colours being, red and yellow to about 3° above horzion, green 11°, blue 50°. The sky to the west being of a faint purple hue. Among these colours were streaks of filmy cloud; sky otherwise clear. Three times, at intervals of about 5 minutes, a very small cloud shot up from the horizon to E.S.E. like a puff of smoke from an engine chimney, and then fell and disappeared. At 7^h 40^m the colours to E.S.E. got watery looking, the streaky clouds increased, and the sky for about 8° above the yellow part was almost white. At 7^h 44^m a purplish-pink arch appeared to the W.N.W. The arch was about 7° broad, and clear space underneath, some 5°, was pale sea-green in colour. It lasted till the sun



rose. As the sun rose, it took the above forms in succession, as it passed through the streaks of cloud. The streaks of cloud were invisible, except when brought out by the sun and the colours in the sky. At 8^h the sky under the sun was brick-red in colour, in the forenoon the sun was surrounded by a dusty looking red corona, the inside radius of which was about 11°. At 11^h this corona had a white watery look inside between the reddish-band and the sun. The haze under the sun was brick-red. At sunset the sun had a flat-topped look while passing under the horizon, the northern limb being slightly higher than the other. A distinct pink afterglow was observed on cirrus clouds. At 18^h there was still a white glow to W. At 19^h fog was on hill top, and sky obscured.

Nov. 15.—Light fog on hill top in early morning, clearing off about sunrise, but leaving detached patches on hills round. At 7^h 20^m, before sunrise, pink streamers appeared to S.E. Just above a heavy cloud bank there was, first a narrow belt of red, then a patch of yellow and orange, above that dirty green colour. The streamers shot up through this, apparently sloping towards the observer. The sky at zenith was deep blue, while to westwards there was a watery pink glow. As the sun rose it assumed these forms. These figures are copied from tracings made by focussing the sun's image on a sheet of paper from a telescope, and pencilling the outline.



Nov. 21.—At noon the sky was pretty clear (cum.-str. 4), but fog low down all round. The movements of this fog showed a descending current on the south side of Ben Nevis, and an ascending to westward out of Glen Nevis. Wind, N. and E., force 4 to 5. At 19^h the moon was shining through haze to S.W., looking very red, and with a glare like what surrounded the sun during the day.

Nov. 23.—At 6^h faint glow to S.E. near horizon. At 7^h yellow, green, blue, and violet colours at S.E. horizon. At 8^h still bright colours to S.E., and splendid sunrise. At 9^h glories observed on fog to N., apparently about 2 miles distant, showing five red rings. These continued all day, the number of rings varying from 3 to 5 (see fig. 4). At 14^h measurements were taken—1st red, too small to measure; 2nd, 2°; 3rd, 3° 15′; 4th, 4° 50′; 5th, too faint to measure. The 1st ring was blurred and indistinct-looking. The 5th ring was incomplete, and very faint. In each ring red outside and blue inside. At 8^h church bells (? Fort William) were heard from top of tower. At noon the red haze under the sun to the form of a crude partial halo. Radius of inner side, 10° 40′; of outer, 23° 30′. At 14^h the level top of the fog round the hill was at about 3000 feet. By 15^h it had risen almost the height of Ben Nevis. Very little colour in western sky at sunset, and no afterglow. A faint light observed to N. at night, which might be auroral; but no green line was visible in spectroscope.

Nov. 24.—At 6^h faint glow to E.S.E. At 7^h colours above cloud bank at horizon as in margin. At 8^h sky and clouds to N.W. pink. At 7^h 14^m while Mr Rankin was looking out of the tower door with a telescope, and steadying it by holding it up against the wooden framework of the tower, he felt several distinct shocks or tremors, more intense than and of a different character from the vibrations caused by wind. No noise was heard outside, but a faint rumbling in the

Purple
Blue
Green
Yellowish green
Yellowish red
Horizon

wood-work of the tower. It seems to have been due either to earthquake or to the tower settling a little.

Nov. 26.—Thermometer box shifted at 17^h. At 23^h the snow post near rain-gauge (A) was found to be thickened by snow crystals to a size of about 20 inches by 12. [The size of the post is 7 inches by 3.]

Nov. 29.—At 2^h small corona seen. Very yellow looking, inside red, with blue margin outside. Radius of red 1° 55′. At 16^h fog all over northern hills, but visibility to southward. Sky faintly red to S.S.W., yellow and pale green to S.W., and dark to E., which might be earth shadow. No afterglow. At 17^h moon was shining brightly, with under it a reddish-brown haze. At 18^h faint blue corona round moon. At 22^h corona with blue margin, colours inside red, not distinct. Radius of red, 1° 55′. The outer blue not always seen. At midnight very faint halo.

Nov. 30.—At 1^h faint halo, no colours, inside radius roughly 18° 20′ by stephanome—probably halo of 22° radius. White snow crystals forming rapidly all afternoon.

Dec. 1.—Corona with red outside, but blue margin, formed on scud passing over hill. Radius of red, 4°; space inside red blue looking. When the scud clears off, this corona disappears, but the moon is seen surrounded by a very much smaller one, very yellow looking inside the red. At 3^h misty corona formed on scud. Red outside. Radius of red, 2° 52′.

Dec. 4.—At 1^h corona. Red outside. Radius of red 2°. Blue margin seen at times.

Dec. 5.—At noon sky watery-looking round sun, and red and yellow in colour under it. Horizon dark blue to N.W. At 15^h thermometer box shifted.

Dec. 11.—The snow post at Wragge's hut, after being covered with snow crystals, got glazed over by rain falling while the temperature was below 32°. The top was covered by an umbrella of snow about 15 inches thick by 40 to 50 inches across. The diameter of the shaft was about 20 inches, and the height 100 inches; the post itself measures only about 6 inches by $2\frac{1}{2}$.

Dec. 17.—The snow near the Observatory was observed to be lying in waves with some 50 or 60 inches between the crest, the line of crests running perpendicular to the wind.

Dec. 20.—At 3^h thermometer box shifted.

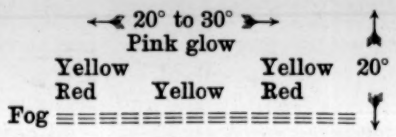
Dec. 21.—At 16^h a heavy bank of cumulus hid the afterglow, but some cirrus clouds to N.E. had a pale red glow on them. At $16^h\ 25^m$ the cumulus cloud was almost gone, and a glow visible, extending downwards till it met the ordinary sunset colours. The moon was pale green in colour. The glow lasted till shortly after 17^h.

Dec. 22.—Fine sunrise. At 7^h a pale green band appeared just above S.E. horizon. At 8^h sky to W. purple, with dirty sea-green under it, while to E. and S.E. it showed bright red, yellow, and purplish pink. After 8^h this red and yellow extended in both directions, forming a coloured horizon all round; above this the sky was whitish green, and above that again was a band of pink, showing all round, but most brightly to N.W. These belts extended to about 15° above the horizon all round. The zenith was blue. The sun rose at $8^h\ 42^m$, and these colours faded away, leaving a hazy red and yellow all round horizon. Before the sun rose the snow on the hills to N. and N.W. was smoky green in colour, when contrasted with the snow on Ben Nevis. The sky was cloudless down to the horizon. At 10^h hazy red corona round sun. This continued most of the afternoon. At $16^h\ 30^m$ there was a very faint pink glow to N.W. on cirri clouds, the sky below being bright red and yellow. At 20^h and 21^h aurora observed, single arch, stretching from W.N.W. to N.N.E. No streamers; height of top of arch about 20°. At 22^h the eastern part of the arch had a wavy or toothed structure below.

Dec. 23.—To-day the feathery snow crystals, forming on exposed surfaces, were grey-brown in colour.

Dec. 24.—The snow crystals forming to-day are white in colour, and contrast strongly with those of yesterday.

Dec. 25.—Before sunrise (at 8^h) sky dirty green to S., with pale yellow above, and a faint pink tint on cirrus clouds. At 10^h the sky below the sun was red. At 11^h triple glories seen to northward. Very faint rosy corona round sun at noon. At 16^h very thin scud was passing across the hill, which "glowed" with the same colour as the usual sky afterglow. At $16^h\ 25^m$ distinct patch of afterglow. Other colours as indicated in margin. At $16^h\ 40^m$ the glow was gone, and the sky coloured orange and green, but fading gradually. All day the lower hills were hid in level-topped fog, rising to about 3000 feet. At 17^h lunar corona observed. Very misty. Radius of red, 2° to 3°. Very green and yellow in appearance. No blue, and red faint. At 20^h very faint blue corona round moon. No other colour visible; the radius of blue about 2° 5′. At 22^h small corona. Red, too small to measure, with yellow inside it. Blue extending to about 3° 10′ radius. At 23^h there was no corona, but a slight darkening of the sky under the moon. At midnight corona without blue margin. Radius of red, 2°.



Dec. 26.—At 8^h the S.E. horizon was of a bright golden colour. The valleys were filled with fog, not rising higher than 2000 feet. At 9^h a raven was seen near the second gorge. At 13^h solar fog-bow, and at 22^h lunar fog-bow, observed; too large for stephanome.

Dec. 27.—In the middle of the day dense fog over all the lower hills, rising nearly to the height of Ben Nevis, say about 4000 feet. Also brown colour under sun. Sunset colours faint. No afterglow. At 18^h lunar corona observed. Colours as in margin. Radius of blue[1], 1° 50′; radius of red[2], 2° 25′; radius of red[3], 4° 30′. At 17^h very faint lunar halo seen.

Red[3]
Blue[3]
Red[2]
Blue[2]
Red[1]
Whitish

At 20^h lunar corona with colours as in margin. Outer red, rather faint. Radius of red[1], 2° 2′; radius of red[2], 4° 5′. At 21^h double corona still seen. Its size appeared to vary, being small when the sky was clear of low clouds, and enlarging as the scud passing over the hill thickened.

Red[2]
Blue
Red[1]
Yellow

Dec. 28.—At 10^h lower hills buried in fog to about 3000 feet. By noon the fog was broken up into detached pieces in the valleys, and mixed with haze-copper colour under sun all afternoon. At sunset sky was orange and yellow to S.W., and blue-black to N.E. No afterglow. At 21^h the moon was surrounded by a white glare of about 5° radius. No halo or corona. This glare lasted all night, but at 23^h and midnight there was also a faint blue corona.

No other colours visible. Outside radius, 3° 25′. The glare at the same time had increased to about 15° radius.

Dec. 29.—At 3^h the sky under the moon was copper coloured. Corona at 20^h red outside. Radius of red, 3° 28′. At 23^h double corona, colours as in margin. Outer red very faint. Rather misty looking, the size appeared to vary. Radii of inner red, by stephanome, 3° 40′ and 3° 55′.

Red
Blue
Red
Blue
Yellow
☽

1885.

Jan. 1.—Snow crystals forming all day at from 1 to 2 inches per hour. The tower chimney was several times choked by crystals forming under the small inside cowl.

Jan. 2.—Very wild sunrise. At 8^h the S.E. horizon bright red and yellow, with cir.-str. above tinged with brown-red on lower surface. At 9^h this colour or glow had disappeared, except to N.W.; the sun was about 5° above horizon, clouds dense and watery.

Jan. 8.—At 2^h rain-gauge not found, probably blown over the north cliff.

Jan. 11.—At 9^h rain-gauge blown away. At 11^h thermometer box shifted. The snow drift blown up the cliff near the plateau of storms was seen to rise from 100 to 200 feet in the air, and pass away to leeward in clouds, resembling ordinary small scud clouds.

Jan. 12.—Thermometer box shifted at 14^h.

Jan. 14.—Bright sunrise colours, but no upper glow in sky. At 10^h hazy rosy corona at sun. At 16^h E. sky showed colour like afterglow. At 18^h, however, there was a faint red and pale green glow above western horizon.

Jan. 15.—Began to use new pattern rain-gauges. No upper glow at sunrise. During the day brown haze round sun, strongest below it. At 16^h 30^m no afterglow to W., but faint glow to E.N.E. At 6^h 40^m the western afterglow began, and the eastern glow disappeared. At 6^h 50^m the afterglow was distinct to westward. At 7^h it was fading.

Jan. 19.—At 17^h (after sunset) red, yellow, and green to westward. No upper glow. At 18^h pale blue glow to westward. At 19^h pale blue glare round moon.

Jan. 20.—In morning, fog all over lower hills. At 8^h bright pink upper glow above red, and yellow colours to S.E. At 10^h and 11^h red haze below sun, and white glare round it. At 12^h hazy red corona round sun, with white watery looking core. The red or copper colour under the sun got fainter in the afternoon. No afterglow atsunset.

Jan. 21.—Sunrise colours very bright, but no upper glow. Copper haze at sun all day. Passing fog prevented sunset from being observed, but apparently there was no afterglow.

Jan. 23.—Valleys filled with haze, rising to a definite level. At 18^h lunar corona observed, red outside. Radius of red, 2° 36′. Again at 23^h faint misty blue look round moon, no other colours.

Jan. 24.—At 22^h faint misty corona, red outside. Radius of red, 2° 30′.

Jan. 29.—At 1^h and 2^h very small misty corona. At 4^h misty corona. Colours as in margin. Outer red very faint, making the blue look more like the margin often seen, than a part of corona proper. Radius of inner red = 2° 14′, outer red = 3° 38′. At 21^h faint bluish corona formed on scud.

Red
Blue
Red
Yellow
☽

Jan. 31.—Both to-day and yesterday thermometer box badly choked with fine drift.

Feb. 2.—Thermometer box shifted at 14^h. At 22^h St Elmo's fire observed on tips of lightning rod; each tip having a spark like a match when just struck on it.

Feb. 4.—At 7^h 5^m double corona observed. Colours as in margin. Radius of inner red = 2° 36′, outer red = 5° 10′. At 8^h upper glow to S.E., forming an arch with a watery core; the arch measuring about 14° inside radius, and 30° outside, by stephanome, and being coloured the usual pinkish brown hue. At 10^h rosy corona round sun.

Red
Blue
Red
White space
☽

Feb. 6.—Drift very bad all day. At 14^h a wave of drift had formed between the thermometer box and the tower—the box was half buried, although at 13^h it had been 30 or 40 inches clear of the snow. The front of the wave formed a steep bank, almost vertical, about 30 inches high, which in the afternoon gradually advanced almost to the tower. At 14^h the rain-gauge was also buried with 6 or 7 inches of snow over it.

Feb. 7.—As the thermometer box was on the highest joint of the ladder stand it could not be shifted till 17^h to-day, when the wind having moderated, an extra joint was fixed to ladder, and the box set 50 inches above snow.

Feb. 8.—At 14^h barometer pumping with long slow motion, falling during gusts.

Feb. 9.—At 7^h double corona in cloudless sky. Inner ring too small for stephanome, and outer too faint. At 9^h thermometer box shifted.

Feb. 10.—In morning snow crystals white, but at 17^h brown ones began to form.

Feb. 16.—At 5^h four lighthouses seen; probably Barra Head, Dhuheartach, Fladda, and one to the east of Jura, not identified. At 6^h a cone or triangle of green light was seen to eastward, rising to about 30° from a base reaching from N.E. to S.E. Air very clear all morning. At 9^h copper colour under sun. At 10^h Beauly Firth seen distinctly. The copper colour at the sun formed a rude corona. Sun set at about 17^h 34^m; the sunset colours were weak, but the sky above them was smoky green, while to eastward it was deep blue. No afterglow, except at 20^h, when a faint white glow was seen to westward, possibly the zodiacal light. Faint badly defined aurora at night.

Feb. 17.—Sky very hazy and watery in early morning. No upper glow before sunrise. Fog came on during the day, occasionally rising and forming a pallium overhead.

Feb. 18.—Faint copper colour below sun all day. At 23^h and midnight faint auroral arch from N.E. to W.N.W., badly defined, no streamers.

Feb. 19.—At 21^h lunar corona observed. Colours as in margin. Radius of red, 2° 30′.

Blue
Red
Yellowish
☽

Feb. 20.—Sunrise colours rising to about 10° at 7h, with purplish band above them. The snow drift to-day formed waves or rolls. At 21h small yellow corona, with blue margin, the margin being faintly tinged with red. Radius of this red, 4° 3′.

Feb. 21.—At 13h rain-gauge found blown away to near the edge of the cliff, not put out again to-day. At 16h the note-book for the observation was torn in two and blown away. After 17h no temperature readings were taken, as the lamps could not be kept alight, and the observers could not stand against the wind. At 18h, 19h, and 20h, Mr Omond or Mr Rankin went out at the tower door with a long rope and had to be hauled back. After that the observer did not go out. At 22h the outer glass of south window in tower was seen to be broken, probably by a flying piece of ice, many of which were heard rattling on the tower like stones.

Feb. 22.—First temperature reading taken at 8h. Box found badly choked with drift, and with about half its back outer louvres smashed. The top joint of snow post A was also broken. The snow was much blown away by the wind, the general height being lowered several inches—even the moderately hard crust on top was broken up. The fog crystals, formed during the storm, were very long and somewhat hard and icy in texture.

Feb. 23.—Thermometer box shifted at 14h. At 19h faint corona formed on upper clouds. One red ring, rather broad. Radius inside, 1° 45′; outside, 2° 40′.

Bluish pink
Yellow
Pink to violet
Blue

Feb. 28.—Thermometer box shifted at 14h. Solar corona seen by Mr Rankin from plateau of storms at about 16h 15m. Formed on scud. Colours as on margin.

Yellow (pale)
Whitish yellow
☉

Mar. 1.—At 3h lunar corona. Colours as in margin. Formed on scud. Radius of inner red, 3° 18′; outer red, 4° 49′. At 4h brown glare under moon, and very faint blue corona. At 7h the sunrise colours appeared very dusty looking. Sky hazy all morning. Solar halo at 14h 23m, faint red inside, radius about 18°. No sunset colours observed.

Red [2]
Orange
Greenish blue
Red [1]
Yellow
White
☽

Mar. 2.—Snow crystals to-day, greyish in colour.

Mar. 3.—Snow crystals, still grey in colour.

Mar. 4.—Snow crystals, usual white colour.

Mar. 5.—All afternoon canopy of cloud over hill top, but sun shining on lower hills round. Snow line distinct at about 2000 feet. At 22h thermometer box shifted.

Mar. 6.—Clear views round all day. Copper colour in sky.

Mar. 8.—At 11h, when sun was behind large cumulus cloud, strong copper-coloured glare round it, in sky, not on the cloud itself.

Mar. 9.—Horizon very clear in middle of day; no fog in valleys; hazy glare round sun, and faint copper colour in sky.

Mar. 13.—At 10h columns of cloud observed ascending from above the valleys to southward, and mixing with the cloud above. Lochiel dead calm all morning. In afternoon haze at horizon, but no fog in valleys. At 16h haze was dark brown to E. and N., but milk-white, like cloudy milk and water, under the sun to S.W. It was cut off by a sharp line on its upper surface all round; above this line to S.W. the clouds were of a faint brown colour. At 18h smoke of burning heather, near upper Lochiel, showed N.W. wind. No afterglow at sunset; only dirty yellow, and faint red above haze. From 9h to midnight faint whitish light to northward, not auroral, apparently.

Mar. 14.—At 6h thick haze all round horizon, the eastern sky a blaze of red, scarlet, and yellow. The sun rising through the haze was much elongated horizontally. During the forenoon the haze had a distinct sharp upper edge; under the sun it was whitish blue in colour, but elsewhere dark. Copper coloured corona round sun. At 10h the haze was mixed with fog. By 12h it had risen to the level of the top of Ben Nevis, and all afternoon the hill top was covered with fog.

Mar. 15.—In forenoon grey snow crystals forming on exposed surfaces. In afternoon thick haze, mixed with cumulus fog, at horizon; dark in colour, except to S.W., under the sun, where it was blue-white.

Mar. 18.—All yesterday and this morning the thermometer box was badly choked with hard ice. It was shifted at 14h.

Mar. 20.—Wind very gusty all day, blowing in great swirls, especially at night. At 10h straws and pieces of fern observed flying about on the hill top. Ice forming all day on all exposed surfaces, but not in regular definite crystals.

Mar. 21.—At 17h a large bird, probably a kite, was seen flying above the hill top. At 20h lunar halo observed. Radius by stephanome, 23° 15′.

Mar. 22.—Faint brown colour in sky near sun in afternoon; clear views, except where clouds hung lower than the hill top. At 18h the str. and cum. clouds were of a dusky yellow hue. At 19h sky cloudy to westward, but under it horizon yellow with pale green above. The under edges of the clouds purple, and Lochs Eil and Linnhe green in colour. At 20h still faint red to westward. Double corona round moon. Colours as in margin. Radius, inner red, 1° 53′; outer red, 4° 40′. It was formed on passing cloud, but when the sky was clear a faint blue glare surrounded the moon. Thermometer box shifted at 22h.

Red
Blue
Red
Watery yellow
☽

Mar. 23.—At 6h no upper glow, but cirrus clouds all of reddish purple in colour. The sun as it rose was greatly distorted. Brown haze in sky under sun all forenoon, v. to N. and E., but haze gradually coming up from S.W. At 11h cirrus clouds lying W.S.W. and E.N.E., but moving from W. to E. In the afternoon, while sun was obscured by clouds, ice formed on the cardboard of sunshine recorder in the focus of the lens.

Mar. 24.—At 23h sky cloudless, but fog still covering the east end of the hill. Thermometer box shifted at 23h 18m.

Mar. 25.—Haze, mixed with increasing amount of fog, came on from western horizon in early morning. At 6h eastern horizon red and bright yellow; under surfaces of upper clouds of a soft reddish hue. At 14h the paper of notes for the hour was torn in two by the wind, half of it being blown clean away out of the book.

Mar. 26.—At 21h 15m, when preparing daily report for newspapers, found that communication by the cable was broken. Tested the wires inside the Observatory, and found them all right, but no signals could be got from Fort William all night.

Mar. 27.—At about 6h 50m telegraph cable tested, and found to be working all right; the signals to and from

Fort William being perfect. Thermometer box shifted after 18h observation.

Mar. 29.—From 21h yesterday to 7h to-day no gauge was out, the quantity of drift flying about making its indications useless. At 21h to-day the door of thermometer box was found standing open. At 23h the sky to northward broke a little, showing blue sky.

Mar. 30.—Haze round horizon, and in valleys all day, but without any definite marked upper limit. Brownish colour near sun, getting fainter in afternoon. Thermometer box shifted after 9h. Lunar halo at 22h on cirrus clouds. Radius by stephanome, 18°. At 23h very faint brown colour under moon.

April 1.—After 9h observation thermometer box was shifted. At 10h faint purple corona round sun.

April 4.—At 8h the sunshine recorder was found buried in drift. Ice formed, in focus, on cardboard all day. Thermometer box shifted at 14h. Light dry drift, rising to some 5 or 6 feet only, was blowing about thickly all day. Faint copper colour in sky near sun in afternoon; dense haze mixed with cumulus at horizon, and filling valleys. No sunset colours, except a faint dirty yellow at western horizon.

April 5.—No rain-gauge was out to-day, as the high wind cutting away the surface of the snow made it dangerous to expose it, but no snow was observed falling. In the morning the fog-crystals were grey, but later were of the usual white colour, and very loose in texture.

April 6.—Fog crystals white, forming freely all day. No gauge was out, but no snow was observed falling.

April 7.—All the daytime great masses of cumulus hung about the hill, and at the horizon. At 18h red haze to westward; radiating beams from sun coming out under cloud. Wind on Locheil, N.E.

April 8.—At 2h pillars of white light observed to N.W., rising above dark haze or cloud bank. At 4h horizon to E.N.E. faintly red, with pale green sky above. Solar halo at 10 and 11h. Red inside. Radius by stephanome (doubtful observation), 25° 50′. At 11h the top and bottom of the halo were brighter than the sides. Haze at horizon in afternoon; copper coloured to westward, but bluish looking elsewhere. At 23h faint white light to northward, seen through fog.

April 13.—At 4h very clear, with delicate sunrise colours, to N.E. At 5h colours of eastern sky as in margin. At 8h faint copper colour in sky under sun. At 20h thin greenish haze over Loch Linnhe, blood-red streak under clouds to W.N.W.

(Cloud)
Green
Yellow
Red
Horizon

April 14.—Pallium of cum.-str. all day, not extending far to eastward, however. Horizon and valleys got very hazy in afternoon.

April 15.—Sky completely overcast with pallium of cum.-str. till 20h, when an easterly breeze sprang up, and the sky cleared; heavy densely packed clouds all round to westwards.

April 16.—At 14h Robinson anemometer was cleared of snow. Readings were taken between 17h and 19h. At 20h the instrument was very stiff, and could not be moved by the light winds which prevailed.

April 17.—Sky remained cloudless till just before sunrise. At 4h sky was dark red on eastern horizon, with greenish tints above. Two long shafts of stratus cloud stretched from about N.E. to S.E. pretty low down, and filmy cirrus clouds appeared. At 6h faint solar halo was observed, which vanished at 6h 10m, except two very bright spots with red towards sun, one on each side of sun, and at the same height above the horizon. Stephanome gave radius of 24°. At 7h faint halo was again observed; at 8h the highest part appeared brightest, and at 9h only that part remained visible. At 11h the halo had entirely disappeared. At 13h the halo was again visible, and five observations gave 22° 45′ (doubtful), 23° 40′, 22° 15′, 23°, 22° 15′, of red ring (inside) as radius. Thick haze lay on the surrounding hills nearly all day. At 18h this was of a blue colour, except to westwards, where it was yellowish. At 19h the western horizon presented a very wild appearance, the lower clouds moving very fast, and having very ragged edges. Robinson anemometer was cleared again at 8h, and continued working throughout the day.

April 19.—Wind strong at night, with considerable drift. Rain-gauge taken in at 21h, being filled with drift. Put out at midnight, when rain began to fall.

April 20.—At 15h it was found that the solder of the connecting wire, joining the Robinson anemometer with the revolution counter, had given way. As the weather looked rather threatening, it was not repaired.

April 21.—Rain till 16h. Snow thawing fast. Roof of Observatory was visible near tower in the morning.

April 23.—Robinson anemometer repaired. Hills very clear in the afternoon. Cumulus clouds hanging only a short distance above top of Ben Nevis, and spreading in level sheet all round. Thermometer box shifted at noon.

April 28.—Thermometers changed at 5h. Sky very wild at sunrise, fiery red to eastwards low down, with dense black cumulus to westward. In afternoon the ice crystals, forming from the fog, were at times of a very dark grey colour, occasionally almost black. These were overlaid with pure white.

April 29.—Robinson gave way again in same way as before. Not repaired.

May 4.—At 20h v.[2] to northwards and north-westwards below heavy cumulus clouds. Sun set behind Skye Hills. Single streamer, rising almost vertically up above cumulus, visible against some thin cirrus which began to form about 20h 10m. At 21h dark fiery-red band, extending from about W.N.W. to N.N.W. Sky of sickly green colour above this. At 22h this red band was still visible.

May 5.—At 7h a sudden fall of temperature was followed immediately by a shower of snow. A fall of snow was reported from Fort William about the same time.

May 6.—At 3h small quantity of cirrus was seen almost directly over hill top, apparently coming from W.N.W., but disappearing shortly after passing zenith. At 4h quantity of cirrus had increased, and formed a tolerably compact flaky mass, still directly over hill top, but being blown about in all directions for short distances without moving away much from its place. At 5h direction was N.E.

May 7.—Thermometers shifted at 9h.

May 10.—At 10h strong copper-coloured corona round sun.

May 11.—At 13h halo, red inside, seen on blue sky, where no cloudiness was apparent. Horizon clear in afternoon, but no strong sunset colours seen.

May 13.—At 1h and 2h fog crystals forming, though

the fog was not very thick. At 7^h copper colour under sun. Very clear views in afternoon, but at 16^h dark shower over upper Locheil and Banavie. Telegraph instrument affected by earth currents from 21^h to 22^h. Apparently a continuous current in cable, varying in strength rapidly, but constant in direction. Aurora seen at 23^h, faint light to N.N.E., and waves of light passing across zenith. Telegraph instrument worked quite well after 22^h. Earth currents were felt in all the wires at Fort William office.

May 18.—Thermometer box shifted at 11^h. In afternoon heavy cum.-str. pallium over all the mainland, lying just higher than the hill tops; to the west, over the sea, greenish-yellow hazy light.

May 20.—Fog crystals forming freely all day, rather icy in texture.

May 22.—At 22^h fog breaking to N. At 23^h light fog passing; sky half clear; misty corona (red outside), with blue margin. At midnight sky cloudless. Double corona, inner one a greenish-yellow look inside the red; outer one very blue inside red, no yellow. No margin. Northern sky coloured orange and yellow at horizon, green and blue above all night.

May 23.—Shifted thermometer box at 0^h 20^m. All night the northern horizon was tinged with orange and green. Fog and haze in valleys till 4^h. Heavy cloudbank to E. at sunrise. At 7^h copper-coloured hazy corona round sun, at the lower edge of which was a bright red spot. Up to 10^h dense cumulus hanging about lower hills. Fog came on at 13^h 5^m.

May 25.—At 21^h sun just set; N.W. horizon red, with yellow above it. No afterglow. At 22^h and 23^h double misty lunar corona formed on scud, inner one yellow inside the red, outer one blue. Fog driving past all the time, but sky clear, except for cirrus.

May 26.—Misty lunar corona observed in early morning, and again at night.

May 30.—Shifted thermometer box at 0^h 10^m. Icy fog crystals forming out of mist in early morning; none at night.

June 6.—At 12^h a bird, species not determined, seen on roof of office. At 14^h 10^m thermometer box shifted. No unusual colours in sky, except faint dusty-red corona round sun. No afterglow at sunset. Northern horizon orange coloured all night.

June 7.—At 1^h and 2^h the sky to N.N.E. above where the sun was, was covered with very thin cirrus clouds, coloured pearly grey and pale green. Dull orange at horizon. From 5^h to 9^h fog observed coming over the southern hills from the S.E. At 8^h sun surrounded by usual dusty-red corona, but a cloud seen for a few minutes in the corona was coloured red, blue, and pink. Dense haze at horizon all day, rising above level of hill top, and cutting off sunset view. No afterglow.

June 8.—No unusual colours in sky at sunrise, sunset, nor during the day. The usual dusty-red corona at sun was almost absent. At 18^h and 19^h rain and hail fell, but in very small quantities; rapidly ascending columns of cloud or fog observed to E. and N.E. of summit.

June 9.—In evening loose detached fog in valleys. Dark blue haze and heavy clouds to westward at 21^h, with loose fog blowing past the Ben.

June 13.—At 20^h 10^m hail shower, which lasted some 15^m. At the same time, and till 20^h 45^m, double rainbow seen, both arcs very perfect at times. No rain fell here. At 21^h fog in valleys, especially to westward. Heavy pallium of cum.-str. The sky to N.W., between the fog and the clouds, orange coloured. At 22^h rather gloomy to S.W., the cloud and fog mixing over Loch Linnhe.

June 14.—Air dry in early morning, but rain falling in large or moderately large drops up to 2^h.

June 15.—To-day Stewart came up with two horses. They were unable to get further than the second gorge.

June 17.—At 0^h 15^m box shifted to admit of muslin on wet bulb being renewed. At 2^h 10^m box shifted again.

June 20.—Very squally at night, the top almost clear of fog between the gusts.

June 24.—Thermometer box shifted at 10^h 10^m. At 10^h huge masses of cumulus rising from valleys all round Ben. At 14^h heavy showers to westward. At 23^h horizon to N.N.W. coloured as in margin above haze or cloudbank. At midnight faint brown colour in sky under moon. No distinct edge to it.

Blue, with small cirrus
White
Thin cloud
Smoky green
Dull orange
Horizon

June 25.—At 8^h rosy corona round sun. At 19^h pinkish colour above sun, and dirty yellow below it. Almost no colour in northern sky at night. Very fine, with clear views all afternoon.

June 26.—At 4^h, the sun being very low, double ringed glories were observed on the thin fog blowing across the hill top. From the top of the tower complete circles, except where cut by the observer's shadow, were seen. Too evanescent to measure. Colours rather blurred. At 11^h a cloud descended vertically just above the Ben with great velocity. It did not, however, reach the hill. At 22^h hills round deep blue in colour. Sudden rise of temperature at 22^h.

June 27.—Thin fog on hill top in early morning, detached fog in valleys all day, and denser fog over Atlantic from Skye to Mull. Air very clear, except for this fog. In afternoon thin fog hanging about the hill sides and rising vertically from Glen Nevis. Dense cumulus pallium above all the land, but apparently sky clear above the fog on western sea. At night clear red or orange streak under this cloud to northward. Thermometer box shifted at 11^h 10^m. Mended Robinson anemometer in afternoon, soldering flexible shaft where broken.

June 28.—Up to 4^h dense low-lying fog in valleys north of the head of Loch Lochy. Haze and detached cumulus fog on other hills all day, also over Atlantic.

June 30.—At 5^h ice forming on all exposed surfaces. After 21^h dense level-topped fog filling all valleys. At 23^h cirrus cloud bank to N.W. gradually approaching.

July 1.—Fog in valleys same as yesterday. No unusual colours in sky all day. Beautiful pearly coloured cirrus to northward at 23^h and midnight.

July 2.—Dense fog in valleys all day. At 3^h faint upper glow in sky to N.E. No unusual colours in sky during the day nor at sunset. Haze above fog to W. and N.W. all afternoon.

July 3.—At 1^h and 2^h small misty corona observed. Colours as in margin, with a very faint blue margin outside red. Radius of red ring by stephanome, 1° 52′.

Blue
Red
Greenish yellow

July 10.—At 3^h rain-gauge found leaning over about 20° to windward, no correction applied to readings.

July 13.—Detached fog in valleys and over distant

hills all day, that in the glens around Ben Nevis occasionally rising and enveloping the top.

July 17.—Top clear at intervals, and sky visible for a short time, overcast with stratus or cum.-str.

July 18.—At 6^h solar halo observed. Radius by stephanome, 22° 49′. Rather indistinct.

July 19.—At 9^h solar corona coloured as in margin. Loose thin fog hanging about the Ben all day, but no dense fog in valleys, and no haze at horizon.

Faint white	
Strong white	
Faint red	
Pink	
☽	

July 20.—Low fog in valleys to E. and N. in early morning. Frost on roof till 4^h. During the day and at night no fog in valleys, but rolling masses of cumulus fog about the hill sides.

July 21.—Fog both in valleys and on hills to eastward in early morning.

July 23.—Dense fog in valleys in early morning, rising and covering the hill top for a short time at sunrise. In afternoon no fog in valleys, but very thick looking fog over Atlantic. At 23^h faint brown colour under moon.

July 24.—All morning dense level-topped fog in valleys, rising to about 2000 feet. Solar halo observed at 17^h. Radius by stephanome (mean of six readings), 22° 27′. Dry fog came on at 23^h.

July 26.—At 2^h fog in valleys all round, up to about 3500 feet; at 4^h it was sinking lower. Air very clear above the fog. At 8^h this fog was breaking up. By 12^h the valleys were clear, and the hill tops in some parts capped with cumulus fog. At 14^h the valleys to westward began to fill with fog again, and it came over the hills to the west of Loch Linnhe, in the evening all the valleys were full again up to about 3500 feet. At midnight faint brown colour under moon.

July 27.—Thick fog in valleys till 4^h, rising to about 4000 feet. At 6^h and 7^h broken fog or cumulus over hills, Ben clear. Loose fog hanging about the sides of Ben Nevis all afternoon.

July 28.—At 1^h faint brown colour under moon. Dense fog over Moor of Rannoch all morning. At 3^h 30^m violet foreglow in N.E. sky. At 4^h, just before sunrise, reddish glow above horizon to S.W. Violet glow to N.W. at 21^h. At 23^h very faint brown colour under moon.

July 29.—At 3^h heavy dew on all wood outside, not on stones; this continued till 6^h. No upper glows before sunrise, or after sunset. Horizon very hazy in early morning, and again at night. During the afternoon several sudden and apparently rotary gusts of wind crossed the hill top; force about 2, very local in action.

July 30.—At 1^h the whole sky was dull blue above the thick haze that covered the horizon, except to the N. and N.N.E. where a distinct path of light, coloured red and pearly grey, and bounded by a sharp well-marked line, was observed. This light was probably due to the sun, and was not auroral. At 3^h very low-lying fog over Caledonian Canal valley. At 4^h, just before sunrise, reddish glow to S.W. above haze. At 21^h faint purple or violet afterglow observed in sky to N.W. Thick haze all round all day, quite shutting out the distant view.

July 31.—At 2^h it was observed that the dew was lying heavily on the top of the thermometer box, but not on stones, nor on either lead or wood of roof.

Aug. 1.—Before sunrise, at 4^h, low fog in valleys to N. and E. Thick haze all round all day. At 20^h 50^m Mr Rankin heard several peals of thunder when standing at Maclean's steep, none heard at Observatory. Faint afterglow at 21^h. Heavy dew at night.

Aug. 2.—At 1^h and 2^h dense fog in valleys to S.E., rising to about 4000 feet. At these hours misty corona round moon. Colours rather blurred, red outside. Radius of red, 3° 16′. At 4^h faint violet foreglow to N.E. At 11^h glories on fog in valley to N. Radius by stephanome, 3° 36′.

Aug. 4.—In early morning, all exposed surfaces, including bulbs and stems of exposed thermometers, thickly coated with ice. Robinson anemometer working stiffly from the same cause. Fog distinctly sank under hill top at night.

Aug. 5.—Faint afterglow at sunset. At midnight, northern horizon bright, but scarcely coloured.

Aug. 12.—High wind at night, northerly and very squally. Back swirls distinctly marked. Thermometer box louvres badly choked with snow all the afternoon and night.

Aug. 14.—Aurora seen for a very short time about 22^h 35^m. Stars very clear and bright at night.

Aug. 15.—Sky ugly at 20^h and 21^h, and low fog over Loch Linnhe.

Aug. 17.—No unusual colours in sky in afternoon, but at sunset the clouds all over the sky were crimson and yellow.

Aug. 18.—Fog in valleys till 3^h, clear at 4^h, but level-topped cloud or fog on hills to north at 5^h. Very little fog in valleys all day, but at 17^h cloud-fog over hills to westward, and later, fog on Atlantic. At 20^h 20^m afterglow with pinkish streamers. Very clear sky at night.

Aug. 19.—At 4^h fog in valleys far to northward. Blue haze on hills round all morning, no fog in valleys after 6^h. Very faint afterglow at 20^h. Haze in valleys getting thicker at night.

Aug. 20.—At 4^h the haze in valleys was mixed with detached pieces of fog. In the forenoon fog from the hills to eastward came rolling all round Ben Nevis, occasionally even brushing the top. At 20^h violet or pink afterglow, well marked. At same hour the sound of the waterfall in Glen Nevis distinctly heard at Wragge's well. In afternoon faint brown colour in sky near sun, and at night below moon.

Aug. 21.—At 2^h bright light to northward, possibly auroral. Hazy all day; but no fog in valleys or on hills round till 22^h, when it gathered on the hills to eastward, and afterwards sank into the valleys, mixing with the haze.

Aug. 22.—Haze and low fog in valleys all morning. Fog passing over hill top all afternoon, but about 23^h 30^m it sank below into the valleys, forming a dense billowy sheet over almost all the surrounding hills. Misty corona at 23^h. Colours as in margin; the blue margin being well marked. Radius of red by stephanome about 1° 50′. Faint brown colour under moon at midnight.

Blue	
Red	
Yellow	
☽	

Aug. 23.—Faint brown colour under moon at 1^h. Dense level-topped fog or cloud over all the hills round all night, up to about 4000 feet. Faint upper glow at 4^h 30^m. About 14^h the fog rose and covered the hill top. At 16 and 17^h the fog had cleared to northward, but was still hanging above Glen Nevis to southward. Fog or cloud on hills to westward at 20^h. At midnight low fog

Red
Blue-green
Red
Yellow
)

and haze in valleys, and cloud fog on hills to southward. Double corona at 21h. Colours as in margin. Heavy dew at night.

Aug. 24.—Fog, level-topped, to 4000 feet all round, till 11 hours; rain and fog reported from Fort William. At noon fog covered the hill top and lasted till 22h, getting gradually wetter. Slight drizzle at times. At 22h fog began to sink, and top was clear about midnight. Double lunar corona from 22h to midnight. Rather misty looking colours, same as last night.

Red
Blue
Red
Yellow
Whitish
)

Aug. 25.—Double lunar corona observed at 1h. Colours as in margin. Radius of outer red about 9° 4′; of inner red about 5° 14′; of yellow about 3° 36′. Rather too misty looking to measure accurately.

Aug. 26.—At 23h tied Robinson anemometer up. To-day water was carried up from Buchan's well.

Aug. 27.—Robinson anemometer set agoing at 13h, but tied up again at 20h. At 20h black bulb radiometer taken in. White fog crystals forming at night.

Aug. 28.—Robinson set agoing at 14h, but tied up again at 20h. At 15h and 16h heavy cloud bank over Mull.

Aug. 29.—Very slight showers of snow in afternoon and evening.

Aug. 30.—Robinson anemometer set agoing at 13h. Thick haze, mixed with fog, in valleys all round at night.

Aug. 31.—Thick haze all round in forenoon, fog on hills to S. and W. at times, clearer in afternoon, but thick haze again at night.

Sept. 1.—Thick haze in valleys all morning, and fog on hills round in forenoon. Faint upper glow at 5h; before sunrise.

Sept. 4.—At 20h earth currents observed on telegraph (needle) instrument. Constant in direction, keeping the needle over to right.

Sept. 7.—In the afternoon a sharp shower of rain fell, the hill top remaining clear. At 17h 30m a rainbow was seen over the east end of the hill; about 250° of arc being visible. The colours of the primary bow were intensely bright, and inside was one strong spurious bow, and a second distinctly marked. The secondary bow was also bright. What appeared to be faint traces of an outer secondary bow were seen on the north side, but these are doubtful.

Sept. 9.—At 22h a very heavy shower of hail fell, the hailstones being of considerable size. During the shower, the tips of the lightning conductor, and the point of the vane of Chrystal's anemometers, were tipped with St Elmo's fire. At 22h 15m the shower was over, and the fire had disappeared.

Sept. 17.—Hill top clear. After 10h thick fog all round, and sky covered with cum.-str., which cleared off gradually in afternoon. Fog sank after 18h. Sky pale yellow to westwards at sunset, with rosy afterglow high up. Greenish blue colour to southwards, and faint lunar corona formed by very thin almost invisible scud. At 22h 7m a meteor was observed to eastwards, described about 10° of arc. Not very bright.

Sept. 24.—Snow fell nearly all day, drifting slightly. Exposed (radiation) thermometers could not be read or set. Snow about 4 inches deep at night.

Sept. 25.—Showers of snow occasionally, about 6 inches deep at night. Exposed thermometers still immovable. Top clear in afternoon, and after 22h. Ross-shire hills seen coated down to about 2500 feet level.

Sept. 26.—Readings of rain-gauge doubtful all day, as snow was drifting considerably.

Sept. 27.—Sun rose above a heavy bank of stratus at 6h 15m. At 5h 40m rosy coloured streamers were seen. These disappeared at 5h 50m leaving rosy glow all over eastern sky. At 6h 5m rosy colour disappeared from eastern sky, and was seen to westwards, lower edge being sharply defined by dark earth-shadow.

Sept. 30.—Very stormy after 4h. Barometer pumping heavily, and mercury surfaces much disturbed owing to shaking of the house.

Oct. 1.—At 5h St Elmo's fire seen on tips of lightning conductor, and on Chrystal and Robinson anemometers. It was accompanied by a sound similar to that of an electrical machine, which continued after 5h 3m, when fire ceased. This sound was again heard on lightning conductor, &c., and also on top of snow post (A), at 14h.

Oct. 4.—At 12h the rain-gauge was found almost buried in drift. At 15h it was found with the snow cut away from under it by the wind, and lying over about 20° to windward. All the measurements are vitiated by drift.

Oct. 6.—New small thermometer box put on ladder-stand at 15h 20m. The dry and wet in large box were so hard frozen that they could not be got in.

Oct. 11.—Thermometer box shifted at 13h 10m.

Oct. 12.—At 5h glow in sky to eastward about 15° high. At 9h needle-shaped crystals of snow falling.

Oct. 15.—Thermometer box shifted at 13h 10m. Top clear in afternoon, no fog in valleys. The increase in depth of snow as measured at gauge (31″ at 10h and 33″ at 22h) is due to the fog crystals on the post falling off with the thaw.

Oct. 16.—At 2h and 3h faint white glare at northern horizon, possibly auroral. At 6h bright sunrise colours; fog on hills and haze in valleys. The haze remained all day in the valleys, but the fog cleared off the hills as the day went on, except to S.W., it looked dark and gloomy all day over Mull. Blood-red streak at W. and N.W. horizon at sunset.

Oct. 17.—At 9h faint white solar holo, no colours seen. At same hour thin flat sheets of cloud observed forming and vanishing over adjacent hills, and on west end of top of Ben Nevis.

Oct. 18.—In afternoon level-topped fog all round, rising to about 4000 feet. Sky very blue and clear, with no unusual colours. Afterglow broken by curious gaps observed at 18h.

Oct. 19.—At 6h eastern horizon red below and intensely green above, faint pink glow at about 20° altitude. At 8h the fog had risen to the level of the hill top, three-ringed glory seen. At 10h no trace of rain-band visible from zenith to horizon. Dry white fog crystals forming all afternoon and evening.

Oct. 20.—At 7h fog on hills to 3000 feet. At 10h broken fog rising from valleys everywhere. During the afternoon and evening fog all round, coming over the top of Ben Nevis at intervals. At 22h double lunar corona, with faint traces of outer blue margin, formed on this fog. Colours as in margin. Radius of inner red, 1° 45′; outer red, 3° 52′.

Red
Green
Red
Yellowish white
)

Oct. 21.—At 1^h fog in valleys, thickest to eastward. No fog in valleys all day, but cumulus fog on distant hills in morning, which lifted and cleared away about noon. Very little colour in the eastern sky at sunrise. Thermometer box shifted at 14^h 15^m.

Oct. 22.—At 3^h very faint brown colour in sky under moon. Colours in sky at sunrise faint. No fog in valleys all day. Double corona observed at 19^h. Colours as in margin. Radius—Outer red, 10° 53′; green and blue, 6° 55′; purple, 4° 40′; inner red, 3° 42′; white, 2° 25′. Similar corona seen at midnight. Colours as in margin. The outer yellow a very narrow strip. Occasionally traces of a third ring were observed. Radius of outer red, 4° 56′; inner red, 2° 11′; outer yellow, 4° 23′; all good measurements.

Red
Green and Blue
Purple
Yellowish-red
White
☽

Red
Yellow
Green
Red
Yellowish-white
☽

Oct. 23.—Double corona at 2^h, with at times faint third ring. Colours as in margin. No blue or green inside the inner red. Yellow, both outer and inner, only a thin strip; reds and green broader, and not so sharp. Radius of inner red, 2° 29′; outer red, 4° 43′; inner yellow, 2° 4′; outer yellow, 4° 8′. Lunar halo (*colourless*) seen at 3^h. Radius to inside of halo, 21° 48′ by stephanome; outside of halo, 25° 13′. The halo was somewhat indistinct, and the measurements are rather rough. It was again seen at 4^h. At 3^h the cirrus clouds were lying in ridges from W.S.W. to E.N.E., motion not determined. At 20^h faint brown colour in sky under moon. Double corona at midnight formed on driving scud. Colours as in margin. The size varied according to the sort of cloud or fog it was formed on. The following measurements were taken within 3^m of each other. First, radius of inner red, 2° 14′; outer red, 4° 18′. Second, radius of inner red, 2° 50′; outer red, 4° 49′.

Red
Yellow
Green
Red
Yellow-whitish
☽

Red
Yellow
Bluish-green
Red
Bluish-white
☽

Oct. 24.—At 2^h sky cloudless, and a faint white glow all round horizon. No fog in valleys, except over Loch Lochy, in early morning, but loose fog on hills round in afternoon. Yellow, green, and blue colours in western sky after sunset, and faint brown colour under moon at night.

Oct. 25.—At 2^h sky cloudless, except for a patch of cumulus over Loch Linnhe, below Ardgour, apparently at 4000 or 5000 feet elevation, and approaching Ben Nevis. Fog blowing across top at 3^h. At 4^h double corona, with traces of third ring. As before, the yellows were narrow, and the green broad. Colours as in margin. Radius of inner red, 2° 10′; outer red, 4° 20′; inner yellow, 1° 45′; outer yellow, 3° 50′. White feathery fog crystals forming in forenoon.

Red
Yellow
Green
Red
Yellow
Watery-white
☽

Oct. 27.—Thermometer box shifted at 0^h 20^m. St Elmo's fire observed on lightning conductor at 19^h. No sounds heard.

Oct. 28.—Thermometer box shifted at 0^h 20^m.

Oct. 29.—Rain-gauge measurements in early morning quite untrustworthy through drift. Thermometer box shifted at 9^h 10^m. At 14^h brown colour in sky under sun. At 17^h sky very watery to westward. At 19^h faint glow to northward, apparently auroral. At 23^h cir.-str. to eastward, on which dim lunar halo was observed.

Oct. 30.—Top clear at times in early morning, showing very ugly sky above. Very great drift during the day, the whole surface of the hill top being cut up into great trenches wherever the skin of the last fall of snow got broken. At 15^h rain-gauge was taken in, and not put out again till 22^h, as it was only getting filled with drift, and was in danger of being blown away. No snow fell, apparently, till after 20^h.

Nov. 1.—Thermometer box shifted at 12^h 10^m. At 23^h 10^m set Robinson going.

Nov. 3.—At 20^h 10^m tied up Robinson.

Nov. 5.—Thermometer box shifted at 2^h 15^m.

Nov. 6.—Started Robinson anemometer at 22^h.

Nov. 8.—Robinson anemometer tied up at 19^h. Fog crystals forming freely at night.

Nov. 9.—At 7^h fog very thick, but of a faint red colour. Fog cleared suddenly at 13^h 10^m sinking below Ben Nevis, but still covering all the other hills. It continued blowing across the top at times all afternoon, but was quite below Ben Nevis at night. Faint white light, possibly auroral, to N. and N.N.W. at horizon all night.

Nov. 10.—At 7^h bright yellow and orange colours at eastern horizon, and faint glow on cirri clouds above. Fog covering the hills to 3000 or 4000 feet all day; quite level topped. No unusual colours in sky. Started Robinson anemometer at 14^h 5^m. Aurora at night. It got gradually fainter as the night went on; no streamers were observed except one at 21^h.

Nov. 11.—At 6^h deep scarlet colour at eastern horizon. At 7^h broad orange band fringed with faint purple above to eastward. Also very faint upper glow. From sights taken during the night it was determined the aurora of last night extended from 2° above horizon to from 10° to 15°. At 9^h glory with one ring observed. Radius to outside of the red, 2° 21′; inside, 1° 44′. At 15^h glory with 3 reds observed. The inner a mere blotch, the next well-marked ring with most of the colours; outermost the same, but much fainter. Radius of red^1 = 3° 46′; red^2 = 1° 52′—(red outside in both rings). At 16^h 30^m pink band above E. and N.E. horizon; no sunset colours except faint afterglow. Aurora with streamers at night. At 22^h the fog, which had stood at about 4000 feet all day, rose suddenly higher than, and enveloped, the top. The temperature fell at once, and the wind lulled gradually. After the midnight observation the Robinson anemometer was tied up.

Nov. 13.—Very icy fog crystals on exposed surfaces. Thermometer box shifted at 22^h 20^m.

Nov. 14.—New 5-inch rain-gauges with slightly rounded bottoms came up to-day. One was put out at 15^h instead of the old pattern with stop-cock.

Nov. 15.—Haze and detached cumulus at horizon all morning. At 8^h reddish look all round horizon above the haze. No fog in valleys. Red or brown colour under sun all day. At 14^h whitish-green colour all round horizon. At 15^h cloud or fog-bank on Atlantic beyond Mull. At 19^h faint corona observed. Colours hardly distinguishable. Outside radius, 3° 46′. At 22^h low fog bank to S.W. and faint brown colour under moon.

Nov. 16.—At 9^h large glory on passing fog; colours as in fig. 6; the inner red being close to the shadow of the observer's head. Radius of red^2, 7° 38′. Third red

too faint to measure. During the day whitish glare all round horizon above the haze that filled the valleys; this turned brown at sunset, but was white again at night. Faint brown colour under moon again to-night.

Nov. 17.—Thick haze in valleys all day, but thinning a little at night. At 7^h bright red. Yellow and green colours at eastern horizon. Brown colour under sun all day, and more faintly under moon at night. At 16^h, just before sunset, red look all round horizon. At 16^h 35^m red, orange, and yellow at western horizon, and pink upper glow reaching to about 30° altitude. At 17^h fog on Mull, and at night fog all up Loch Linnhe. At midnight white belt round horizon from W.N.W. to N.N.E., and more faintly as far as E. About 3° high, apparently very thin cirro-stratus.

Nov. 18.—At 1^h fog low down on Loch Linnhe and Locheil, and haze in valleys to northward. At 3^h fog on Loch Lochy. Fog on Locheil continued till 10^h. At sunrise fog on Moor of Rannoch, and haze over Atlantic and Moray Firth. Brown colour under sun all afternoon. At 19^h, 20^h, and 21^h aurora seen;—several arches, the lowest being composed of vertical wavy streamers, the higher ones of simple streaks of light. Height to bottom of first arch, 6° 12′; top, 17° 30′. Green band in spectroscope very distinct. Shortly before 22^h thin fog began to blow over the top of Ben Nevis. At 23^h double lunar corona, red outside. The size varied very much; at times the two sets of colours merged into one misty corona, a second forming gradually outside as these shrank into one.

Nov. 19.—Lunar fog-bow (no colours), seen in early morning. Loose feathery white fog crystals forming freely all afternoon and night.

Nov. 20.—Dense fog blowing in waves over the hill top till 18^h, very thick, but not reaching high up. Dark roll-cum. at horizon at night. Thermometer box shifted at 22^h 15^m.

Nov. 21.—Detached patches of fog on hills to southward all morning. The surface of the snow on the hill top was found to-day to be all roughened by the fog crystals on it. They were 2 to 6 inches in length, and quite dry.

Nov. 22.—At 8^h it was observed that the fields near the sea-level were white with hoar frost. Sun much enlarged and elongated when rising; the vertical and horizontal diameters appearing as 3 to 5. At 14^h brown colour under sun. Haze and fog on Locheil and in Caledonian Valley, rising higher at night and getting thicker to northward. Earth shadow observed at sunset. Sunset colours weak, and little or no afterglow. At 18^h brown colour under moon. Sky covered more or less with cirro-cumulus till midnight. On this a faint, badly-defined lunar corona was observed at 19^h and 20^h. At 20^h, colours somewhat as in margin, but very badly defined. At 19^h only one reddish ring. Radius to inside, 1° 54′; outside, 4° 18′. At 20^h, radius of red, 2° 54′; yellow, 2° 35′; outside of blue, 1° 42′. Blue much broader than the red or yellow, and with no defined inner margin.

Pale red
Yellow
Bluish-white
☽

Nov. 23.—Double corona on cir.-cum. at 4^h. Badly defined, but of normal form. Radius of outer red, 6° 48′; inner red, 3° 7′; yellow, 2° 42′. Yellow, a narrow line; green, a broad belt. White fog crystals forming freely all day.

Red
Green
Red
Yellow
Bluish
☽

Nov. 26.—At 9^h, as it was blowing very hard, one of the old rain-gauges of heavier make was put out. The gauge was taken in at 14^h, and not put out again to-day, as it was impossible to manage it in the strong wind. At 17^h began to use lantern fitted inside an oilskin coat. At 22^h note-book blown away when re-entering tower door. At 14^h it was observed that the upper part of the snow-post A had been blown away.

Nov. 27.—Thermometer box shifted at 22^h 20^m.

Nov. 30.—At 6^h St Elmo's fire observed on lightning conductor, both anemometers, and on top of ladder leading up tower outside. No sounds heard, even when quite close to the conductor.

Dec. 1.—Heavy showers of snow, sleet, and hail all day. Louvres of thermometer box badly choked.

Dec. 2.—At 13^h the rain-gauge was taken in, as it was getting choked with drift. It was put out again at 15^h. Thermometer box shifted at 17^h 15^m.

Dec. 3.—At 20^h the rain-gauge was found leaning over to windward, having been under-cut by the wind, and full of drift.

Dec. 5.—Thermometer box shifted at 2^h 25^m.

Dec. 6.—At 8^h bright pink upper glow to E., horizon yellow; no red colour visible. Snow down to about 600 feet. Sunset colours at 16^h weak. No afterglow. Well-marked auroral arch all night; no streamers. Height of top of arch above horizon at 19^h, 12°. The dry-bulb readings at 15^h and 17^h being below 10°—the limit of Glaisher's Tables—the factor was assumed to be 8·8, and the dew points calculated by that.

Dec. 7.—Faint aurora similar to last night, visible from 19^h to midnight.

Dec. 9.—Thermometer box shifted at 15^h 20^m.

Dec. 10.—At 0^h 8^m thermometers shifted.

Dec. 12.—Thermometer box shifted at 15^h 20^m.

Dec. 14.—Started Robinson at 16^h 20^m, but tied it up again just after midnight.

Dec. 15.—At 12^h faint brown colour under sun. Dense rolling fog on hill top all round. At 17^h moon shining faintly through cir.-str. clouds, but no halo visible.

Dec. 16.—Double corona at 20^h; colours as in margin; Outer yellow very faint. Formed on scud; no corona when scud clears off. Radius of outer red, 3° 48′; inner red, 1° 58′; outer yellow, 3° 38′; inner yellow, less than 1° 40′. Very faint traces of third ring at times. Similar corona at 22^h. When the scud got very thick, the outer part was more yellow, and less blue-looking. Radius of outer red, 3° 33′; inner red, 1° 53′; outer yellow, 3° 0′; inner yellow, 1° 23′. 2^m afterwards, outer red, 3° 8′; inner red, 1° 42′. At midnight lunar fog-bow; no colours.

Red
Yellow
Bluish-green
Red
Yellow
☾

Dec. 17.—Faint afterglow at 16^h. At 17^h western horizon still coloured red, yellow, and green. Fog on hills to 3000 or 4000 feet all afternoon and night. Double lunar corona at 20^h, formed on very thin mist or scud blowing over the hill, flashing into sight and disappearing again; outer ring blue, and inner yellow both reds well marked. Too fleeting to measure. Very faint lunar halo at 22^h.

Dec. 18.—At 7^h deep, soft, blood-red and scarlet colours at horizon to E.S.E. At 8^h 20^m upper glow to S.E. and S.S.E., the northern side having well marked long streamers. Sun rose 8^h 45^m. At 8^h 40^m the upper

glow was gone, but there was a white glare in the sky above a brick-red streak at horizon. Sun rose egg-shaped, long axis horizontal, and took $4^m\ 20^s$ to rise. At 9^h the shadow of Ben Nevis was seen on pink-coloured haze above the horizon to N.W. At 10^h brown colour under sun, and misty looking glare round it. At 11^h faint solar halo, white. One bright spot horizontally to eastward of sun. Brown colour under sun, and faint pinkish hue above sun inside the halo. Radius of halo by stephanome 23° 3′. Brown colour under sun all afternoon. Halo faintly seen till 13^h. At 16^h faint glow all round horizon from about 5° to 15°. Eastern horizon dirty green under this. At $16^h\ 20^m$ distinct upper glow; it had the appearance of a cloud of very loose texture lit up from below. Trace of this upper glow at 17^h, and red and yellow sunset colours. Sun set about $15^h\ 50^m$. No unusual colours in sky at night.

Dec. 19.—Dense fog above Loch Linnhe and in Caledonian Valley to about 4000 feet in early morning. At 3^h faint blue corona 3° 4′, radius round moon. The edge of the corona was the brightest part; but the whole space was blue, and no other colour was visible. At 4^h similar corona, 3° 20′ radius, but with very faint red edge to it outside. At same hour brown colour in sky under moon. At 8^h faint upper glow. At $8^h\ 16^m$ this glow formed a pyramid, height about 20°, base 45°, the base line being 6° above horizon. At $8^h\ 25^m$ this glow was almost gone. At $8^h\ 40^m$ a white glare had taken its place. At 9^h dense haze and fog in valleys, with the shadow of Ben Nevis distinctly seen on it. At 10^h and during the rest of the day, brown colour under sun. Sunset colours weak, and afterglow very faint. The haze and fog rose higher at night and gradually covered the hill top.

Note.—The sun when rising was much elongated horizontally; it took 6 minutes to rise. At 17^h lunar corona, red outside. Radius to outside of red, 4° 13′; inside of blue, 2° 55′. After midnight Robinson anemometer was tied up.

Dec. 20.—In early morning fog crystals were brown in colour and loose in texture. During the forenoon these were overlaid by white ones considerably harder and more icy. The former ones came with S. wind and fog, the latter with S.S.W. or S.W. and mist. Double corona at midnight; colours as in margin, but very pale and faint. Radius of inner red, 3° 3′. Fog to 4000 feet all round. Thermometer box shifted at $23^h\ 15^m$.

Red
Yellow
Blue
Red
Pale yellow
Bluish white
☽

Dec. 21.—At 5^h triple lunar corona, reds outside. Radius of inner red, 1° 5′; middle red, 1° 55′; outer red, 2° 55′. Also lunar fog-bow. Very soft snow falling all afternoon.

Dec. 22.—Thermometer box shifted at $15^h\ 15^m$. Lunar halo, white, at 23^h. Radius to inside, 20° 41′ and 20° 16′; outside, 27° 29′ and 27° 23′. Two measurements.

Red
Yellow
Blue
Red
Yellow
Pale green
Red
Yellow
Bluish-yellow
☾

Dec. 23.—Triple lunar corona at 4^h, colours as in margin, outer ring very faint. Radius of innermost red, 1° 35′; innermost yellow, 1° 11′; outside of green, 2° 26′; middle yellow, 2° 48′; middle red, 3° 12′.

Dec. 24.—Robinson anemometer was started at 15^h, but was tied up again after midnight. Fog (or mist) in valleys to at least 4000 feet all evening.

Dec. 25.—All exposed surfaces and the louvres of the thermometer box heavily covered with solid ice all day.

Dec. 26.—Thermometer box shifted at $8^h\ 10^m$. Ice forming on exposed surfaces at night, but not so freely as yesterday. Drizzling rain fell in the evening, though the sky was clear, and the mist hardly rose higher than the hill top.

Dec. 27.—Ice on everything, and louvres of thermometer box badly choked; ladder outside tower impassable. Thermometer box shifted at $22^h\ 30^m$.

Dec. 28.—Thermometer box shifted at $10^h\ 30^m$.

Dec. 29.—Thermometer box shifted at $17^h\ 15^m$. Very squally at night.

Dec. 31.—Robinson anemometer started at $22^h\ 10^m$.

Notes of Instruments in use during 1885.

Fortin Barometer 1385, Negretti and Zambra.

Dry and Wet Bulbs 192,660 and 192,672, Adie and Wedderburn; also 192,677, Adie and Wedderburn, and 50,852, Negretti and Zambra; and occasionally 50,945, 50,851 or 50,850, Negretti and Zambra.

Maximum Thermometer 117,293, Adie and Wedderburn, from July 25 to Oct. 6.

Minimum Thermometer 138,533 or 138,545, Adie and Wedderburn, Jan. 1 to July 24, and Oct. 7 to Dec. 31; 116,918, Adie and Wedderburn, July 25 to Oct. 6.

Small size of louvred Thermometer Box on ladder stand, Jan. 1 to July 24, and Oct. 7 to Dec. 31. Large louvred box (old *clock* box), July 25 to Oct. 6.

Solar Radiation Thermometer (black bulb *in vacuo*) 186, Hicks.

Radiation Minimum (T-hollow cylindrical bulb) 46,309, Hicks.

Sunshine Recorder, Casella (made specially).

Ozone test papers supplied by Casella.

Anemometers, Robinson (velocity) and Chrystal (direction) by Frazer, Edinburgh.

Rain Gauges. Jan. 1–Jan. 8, gauges with side screw plug. Till Jan. 14, various. Jan. 15–Nov. 14, gauges with rounded bottoms and stopcock. Nov. 14–Dec. 31, gauge with slightly rounded bottoms and screw plug.

The rain gauge measurements were interrupted several times by drift.

From Feb. 21, 8^h, to Feb. 22, 7^h, no temperature observations could be taken.

With the above exceptions, barometer, dry bulb, wet bulb, rain, wind, cloud and sunshine records are continuous.

The Radiation Thermometers could only be used in moderately fine weather. The anemometers were often frozen up, or out of repair.

The ozone tests were read twice daily for twelve hours each, but the usual saturated condition of the atmosphere made their indications very unreliable. The papers were occasionally blown away in strong gales, and the observation thus lost.

1886.

Jan. 1.—Robinson anemometer tied up at $23^h\ 10^m$.

Jan. 3.—Robinson anemometer started at $13^h\ 10^m$, but tied up again at $14^h\ 5^m$.

Jan. 4.—Thermometer box shifted at $12^h\ 10^m$.

Jan. 5.—At 6^h tips of lightning rod, vane, and cups of anemometers and kitchen chimney glowing with St Elmo's fire; heavy hail falling at the time.

Jan. 6.—Haze at horizon and in valleys all day. At 11^h great white glare round sun, and brown colour under it. This brown colour was under the sun all day. At 16^h pink glow to E. No afterglow to westward till $16^h\ 10^m$. Earth shadow observed at $16^h\ 10^m$.

Jan. 9.—At 10^h columns of fog rising out of Glen Nevis. A white ray or beam from sun observed passing vertically down over Glen Nevis. It was not caused by the sun shining through a rift in the clouds; and it was seen passing over or into Glen Nevis between the observer and the opposite hills. No corresponding ray observed above sun. At $10^h\ 10^m$ pink colour on clouds to northward close over Ben Nevis. At $12^h\ 10^m$ thermometer box shifted.

Jan. 11.—Thermometer box shifted at $12^h\ 10^m$.

Jan. 13.—Thermometer box shifted at $12^h\ 30^m$.

Jan. 14.—Thermometer box shifted at $7^h\ 10^m$. After 9^h the following additional observations were made:—$9^h\ 11^m$, dry 22·0; wet 25·0—fog crossing hill at second gorge; $9^h\ 17^m$, dry 20·6; wet 21·0—fog passing at Observatory. At 8^h under surface of pallium of a dark brown red colour.

Jan. 15.—Wind very unsteady, with back swirls all day. Louvres of thermometer box badly choked.

Jan. 16.—Thermometer box shifted at $3^h\ 20^m$.

Jan. 18.—Brown colour under moon at 5^h, and similar colour under sun during day. At 17^h double lunar corona; colours as in margin. Radius of red, 1° 41′; yellow, 0° 58′. Similar corona seen at 21^h.

Red
Yellow
Yellowish
☽

Jan. 19.—Brown colour under moon in early morning. No usual pink foreglow at sunrise; but the under surfaces of cirrus clouds were coloured vermilion-red about 10 minutes before sunrise. Dark blue band across sky from N.E. to W. At 9^h double solar corona, consisting of two pinkish red rings; radius of inner ring about 2° 8′. At 14^h gauge found buried in drift up to the rim. The drift has blown away round the stand for the thermometer box, so that although the bulbs are only about 20 inches above the general surface, they are 40 or 45 inches above the surface immediately under them. This hole is about 2 yards diameter, and has steep sides.

Jan. 20.—Double lunar corona observed at 2^h. Formed on scud; colours as in margin. Very fleeting, and size varying. Two measurements within one minute gave for radius of inner red, 3° 33′ and 3° 7′. The colours were always the same, though the size varied. Thermometer box shifted at $3^h\ 20^m$. Brown colour under moon all morning. Same brown colour under sun in afternoon. At 17^h dark red and dirty yellow at S.W., W., and N.W. horizon; under surfaces of cumulus to westward red, and under surfaces of cirrus pinkish.

Red
Yellow
Blue-green
Red
Orange
Yellow
Whitish
☽

Jan. 22.—A light was observed in the north at 17^h, which might be auroral. Thermometer box shifted at $22^h\ 15^m$.

Jan. 23.—At 17^h brownish-pink colour in sky to westward above low-lying clouds. Sky green to S.S.W. Fog on hills to E. and S.

Jan. 25.—In morning fog crystals smoky brown in colour. Fog passing in waves in afternoon and at night. Very squally at night, with intervals of almost perfect calm.

Jan. 27.—Fog crystals on exposed surfaces brown. In the afternoon the fog, though very thick, was dazzling to the eyes.

Jan. 28.—Fog crystals of their usual white colour in morning, but possibly slightly brown in afternoon.

Jan. 29.—Fog crystals brown in morning. Louvres of box badly choked with snow all day.

Jan. 30.—One flash of lightning seen at 7^h. Some hail in rain-gauge at 8^h. At 12^h, 13^h, and 14^h gauge full of drift.

Feb. 1.—At 1^h rain-gauge found leaning over to windward, and full of drift. At 2^h gauge buried almost to the rim, and full of drift. At 21^h the gauge was again found almost buried. None was put out again till midnight, when it was put out as usual. Thermometer box shifted at $9^h\ 10^m$. At 9^h fog on hills round in patches. At 11^h fog joining with upper clouds over Glencoe and Loch Linnhe; very ugly. At 13^h white glare, with pink or brown edges. Between 14^h and 15^h brown colour under sun, and haze and cum. to S.W.

Feb. 2.—Thermometer box shifted at $23^h\ 25^m$.

Feb. 3.—No fog in valleys, but horizon hazy, especially to S.W. all day. At 8^h yellowish, watery glare in sky to south-eastward 20° to 30° high. Pale glare, with brownish red edges round sun all day. At 17^h red streak along western horizon, and above it triangle of yellowish green in sky about 60° wide at base and 30° high. At 19^h long bluish-white glimmer in sky to westward leaning at an angle of 45° to southward. Haze or fog seemed to rise up on to the hill top at night, the stars remaining bright as long as they were visible. Snow down to sea-level.

Feb. 4.—Low fog on Locheil and Loch Rannoch at 8^h, which gradually passed away during the day. Brown colour under sun at 11^h and all the rest of the day; pale brownish glare round sun in afternoon. Haze over Firth of Lorne all afternoon. After sunset red light all round horizon, which gradually rose to eastward, leaving an earth-shadow underneath. At 19^h and 20^h faint triangular white glimmer in western sky similar to last night. Faint aurora seen at night.

Feb. 5.—At 8^h, just before and just after sunrise, under surface of clouds blood-red. Haze thickening in valleys to S. and W. all morning. The cloud layer seemed to come gradually down on to Ben Nevis in afternoon.

Feb. 6.—Fog crystals forming most of the day, but of their usual white colour.

Feb. 7.—Thermometer box shifted at $16^h\ 10^m$.

Feb. 8.—Robinson anemometer started after 12^h.

Feb. 9.—Robinson anemometer tied up at 8^h. Thick crust of ice on louvres of thermometer box and all exposed

surfaces all afternoon. Thermometer box shifted at 23^h 20^m.

Feb. 10.—Thermometer box shifted at 10^h 15^m. Double solar fog-bow seen at 11^h to northward. Traces of red on outside of outer ring, and on inside of inner. Radius of outer bow, 42° 4′; inner, 33° 0′. Moon gleaming at night, but no corona observed.

Feb. 12.—At 12^h rain-gauge found full of drift. At 18^h rain-gauge undercut, and leaning over to one side.

Feb. 13.—Thermometer box shifted at 21^h 20^m.

Feb. 14.—At 11^h glory and fog-bow (see fig. 7). Outer radius of fog-bow, 45° 12′; inner, 40° 0′; radius of red of glory, 1° 6′. Fog-bow tinged with red outside. Outside of glory red also. Seen on fog in northern valley.

Feb. 15.—At 9^h solar halo, with portion of reverse halo on upper side of it. Large halo red inside, and blue outside; portion above red next sun and blue inside curvature. This upper arc overlapped on the main circle, bringing their reds together. The following measurements from centre of sun to the point where the two reds overlapped were made:—Radius, 21° 42′; 21° 49′; 22° 0′; 22° 0′; 22° 0; 22° 0′. The upper arc was very distinct, but the blue in it was fainter than in the main halo. Double solar corona at 11^h. Radius of outer red, 4° 53′; inner red, 2° 55′. Brown colour round and under sun all day. At 18^h pinkish haze in air below the upper clouds and above the fog in the surrounding hills. From 19^h to 23^h lunar halo on cirrus, and for most of the time misty corona, also on cirrus. At 19^h the following measurements were made.

Corona.	Halo.
Outside radius, 4° 20′	Radius, 24° 28′.
,, 4° 28′	,, 23° 17′.
	,, 22° 24′.
	,, 22° 36′.
	,, 23° 30′.
	,, 23° 44′.

At 20^h the measurements got were:—Radius of corona, 2° 59′; halo, 21° 13′. The corona was a mere bluish space with a red rim. No fog in valleys all day, but haze at horizon, especially to southward, and detached cumulus on hills.

Feb. 16.—At 2^h misty corona on cirro-cumulus; colours as in margin. Radius of red, 1° 43′. Brown colour under moon at 4^h 10^m. Similar colour at 5^h. At 7^h watery glare in eastward sky, and purple colour to westward about 15° to 30° above horizon. Brown colour round sun all day, strongest on lower side. Dense haze in valleys to southward from S.E. to W. all afternoon. Earth shadow under rosy glow to eastward after sunset at 17^h 30^m. Sun shone red through the haze as it sank into it. Upper glow began at 17^h 40^m and lasted till 18^h. Faint blue colour round moon at night. Long thin auroral arch at 23^h and midnight. Height by stephanome $6\frac{1}{2}$°.

Faint blue
Red
Yellow
)

Feb. 17.—At 3^h blue corona round moon. Brown colour under sun very faint to-day. Misty corona on cumulus at night. No measurements made.

Feb. 18.—White fog crystals forming all day.

Feb. 20.—Fog crystals brown in morning.

Feb. 21.—Fog crystals brown in morning, but white and more icy in texture at night.

Feb. 25.—Lunar corona at 5^h, colours in following order out from moon:—White, yellow, red, violet, green, yellow, red. Pale reddish, or brown glare round sun all day, getting stronger near the horizon. Faint light to westward observed at 8^h; probably zodiacal light. Horizon hazy all day, especially to S.W. and W. Detached cumulus above haze to S. and W. in afternoon.

Feb. 26.—Solar corona observed at 12^h. Double rings varying in size. Radius of outer red, 8° 22′; inner red, 4° 34′; 4° 23′; 3° 38′. Similar corona at 13^h; the outer ring was only seen occasionally, and was too faint and fleeting to measure accurately, but was about 5° 30′. Six measurements of the inner red gave as radius, 3° 3′; 2° 47′; 3° 25′; 3° 10′; 3° 2′; 2° 24′. Fog crystals white this morning.

Feb. 27.—Top clearing of fog at times in afternoon. Fog crystals white, and very loose in texture and dry.

Feb. 28.—Fog crystals to-day pure white.

Mar. 4.—White glare in western sky at 18^h and 19^h. Zodiacal light seen at 20^h; nothing seen in spectroscope. Thermometer box shifted at 18^h 15^m.

Mar. 5.—At 8^h fog-bow, corona (3, 4, and 5 rings), and glory (2 and 3 rings), on passing fog,—all too fleeting to measure. Thermometer shifted at 20^h 5^m. Aurora seen at 22^h. To-day Wm. Stewart started to come up to the Observatory, but had to turn back, having lost his way in the dense fog before he got to Buchan's well. Mr Omond, Mr Rankin, and Mr Miller went down in search of him in afternoon. In consequence of this the 15^h observation was not taken till 15^h 3^m; no corrections were applied to the various readings.

Mar. 6.—Double solar corona at 12^h. Faint aurora with a few streamers at night.

Mar. 7.—At 7^h thin pallium over sky to horizon, hills just clear under it. In the valleys to eastward there was an under glow of the same colour, and exactly similar to the upper glow seen before sunrise and after sunset. In this glow between Schehallion and Ben Nevis streamers were visible, which gradually receded and faded away as the sun rose higher. At 7^h 13^m the sun broke through the clouds, and at 7^h 16^m a white beam was seen stretching vertically downwards from sun to the edge of Ben Nevis. It passed through a thin stratus cloud. Corona observed at same time. The pallium broke up into detached masses like cumulus, but descending and settling over the hills round. At 7^h 24^m the beam was again seen.

Double solar corona observed at 10^h—

Radius of inner red, 3° 46′.	Outer red, . 7° 30′.
,, 3° 37′.	,, . 5° 34′.
,, 3° 30′.	,, . 6° 29′.
,, 4° 1′.	,, . 6° 35′.
,, 3° 42′.	
,, 3° 42′.	
,, 2° 50′.	

The last measurement of the inner red, and the second measurement of the outer, were taken about the same time.

Halo observed at 11^h. The following measurements were made:—

	22° 30′.
	22° 0′.
Extreme inside of halo, . .	21° 13′.
Extreme outside ,, . .	25° 44′.

Same halo observed at 12^h.

Radius, 23° 44′; 21° 13′; 22° 12′.

Dense haze coming up from S.W. beyond Mull in afternoon.

Solar halo at 13^h also :—

Radius,	21° 48′.	Radius,	22° 24′.
,,	21° 24′.	,,	23° 3′.
,,	22° 24′.	,,	21° 48′.
,,	21° 13′.	,,	22° 0′.
,,	22° 12′.	,,	22° 12′.

Horizon very dark, and sky mirky at night.

Mar. 8.—Brown crystals forming out of passing fog in afternoon.

Mar. 9.—Dense haze round horizon all day. At 17^h three layers of upper clouds were observed. The highest was moving from W.N.W., the middle from S.W., and the lowest from S.E. The lowest appeared to be fed from above. The clouds came lower down in the evening, and then disappeared.

Mar. 10.—Thermometers shifted at 2^h 8^m and again at 3^h 8^m. At 6^h, before sunrise, eastern horizon very red and reddish-brown glow on under surface of thin cirrus clouds. At 17^h fog crystals slightly brown in colour were forming.

Mar. 11.—No brown colour under sun in forenoon, but faint colour in afternoon, and pale glare round sun.

Mar. 12.—At 12^h bird (?raven) seen flying over hill. Distinct brown colour above haze under sun in afternoon. Sunset colours bright and very beautiful. Afterglow from 18^h 30^m to 18^h 40^m. Sun sank into haze at 8^h 23^m. For the last two days there has been dense haze all round, but especially to westward, rising to about 3000 feet, and very flat topped. When taking compass bearings along the path down the hill to-day Mr Rankin found that one of the large stones on the south side of the hill near the first gorge was strongly magnetic. It attracted the south end of the compass.

Mar. 13.—Fog crystals white to-day. Fleeting corona, sometimes single, sometimes double, formed on scud at night.

Mar. 15.—Fog crystals in morning very slightly grey in colour. Lunar corona on scud at night, too fleeting to measure.

Mar. 17.—Fog crystals rather hard and icy in early morning and during the day, but looser in texture at night. All pure white. Louvres of thermometer box a good deal choked.

Mar. 18.—Fog crystals brown in the afternoon.

Mar. 19.—Fog crystals brown in forenoon. Thermometer box shifted at 8^h 10^m. The increase (1 inch) in the depth of snow to-day is probably due to fog crystals forming on the old roughened surface.

Mar. 20.—At 12^h Robinson anemometer started.

Mar. 22.—Sky very ugly, both in clouds and colour, to S.W. all afternoon. At 13^h beams observed radiating from sun in every direction; some 20° in length. Detached cumulus fog hanging about hills round all afternoon. Snow almost gone off the hills to north and north-east, and very streaky on the others. At 18^h dark fog with haze below it advancing over hills to S.W. At 18^h a ptarmigan, pure white, flew across the hill top. At 19^h green haze to N.E. The fog and haze to S.W. had reached Loch Leven. Fog on Ben Nevis at 20^h; heavy rain and hail began shortly afterwards.

Mar. 23.—At 10^h (wind S.S.W.) thin mist rising up from north valley close to cliff, but getting brushed back by the wind. At 15^h 10^m thermometer box shifted one stage down on ladder-stand.

Mar. 26.—Robinson anemometer tied up at 10^h 5^m. Snow at night at first soft and in large flakes, but later on hard and icy.

Mar. 27.—At 13^h snow bunting seen on top. Thermometer box shifted at 22^h 23^m.

Mar. 28.—At 10^h three layers of cloud were observed, the lowest cum. from S.W., middle cir.-cum. from W. by N., and highest cir. and cir.-cum. from W.S.W. At 10^h 15^m vertical ascending columns of fog observed rising from Glen Nevis, and forming cum. clouds at about the level of the hill top.

Mar. 30.—No rain-gauge was out from 12^h to 17^h, as the drift made it useless. Thermometer box shifted at 23^h 20^m.

Mar. 31.—Shower of hail between 16^h and 17^h. The hailstones were hard and conical in shape, with spherical bottoms.

April 1.—At 16^h brown haze to S.W. very ugly looking, and cumulus above hills at N.W. horizon. Thermometer box shifted at 16^h 15^m. At 18^h rain-gauge buried out of sight in drift; none put out for the rest of the day. At 21^h stars seen for a moment. The freshly fallen and drifted snow was much cut up by the wind at night.

April 2.—Short but very heavy hail shower at 8^h. Rain-gauge was put out for the first time to-day at 9^h.

April 3.—At 10^h and several times during the afternoon rain-gauge was buried in drift. No gauge was put out at 21^h. Thermometer box badly choked with drift all afternoon and night.

April 4.—Rain-gauge put out for first time at 4^h. Thermometer box badly choked with drift all day; the ozone papers were enclosed in a mass of snow over one inch thick.

April 5.—Thermometer box shifted at 11^h 10^m.

April 6.—Top covered with deep soft, rather heavy snow.

April 7.—When the wind rose this afternoon, the soft snow blew about in blinding drift. At 13^h the rain-gauge was buried so deeply that it could not be found. No gauge was put out after this. At 14^h it was impossible to see three yards for drift. Thermometer box considerably choked with drift at night.

April 8.—Rain gauge put out for the first time at 3^h. At 11^h 10^m thermometer box shifted one stage higher on ladder-stand. Thermometer box shifted at 22^h 15^m. This afternoon it was found that a drift about 10 or 12 feet high had gathered along the face of the cliff to N.W. during the recent storm. It did not overhang, but sloped back from the edge.

April 9.—At 17^h top clearing at times; sunshine seen on southern hills.

April 10.—Thermometer box shifted at 10^h 20^m. In the forenoon and middle of the day the fog rose gradually from the hills and formed cumulus over them. No fog in valleys all day. Loch Linnhe and Locheil calm all day, but surf breaking upon Eig. No unusual colours in sky.

April 11.—Loose cumulus floating about all day, but clearing entirely at night. At 19^h yellow colour above sun and pink underneath. Aurora seen at 22^h, 23^h, and midnight. Single arch, greatest height about 9° by stephanome.

April 12.—Aurora described yesterday was observed till 2h. At 5h dark shadow observed to westward rising to about 14°; and at the same time faint glow in eastern sky. Brown colour round sun in forenoon, strongest underneath; none in afternoon, but only a faint glare round sun.

April 13.—Icy fog crystals forming in early morning. At 20h dense bank of cum.-fog in northern valley, rising to over 4000 feet, but standing clear of the hill side.

April 14.—At 10h fog-bow seen to northward rather broad and indistinct. At 17h glimpses of blue sky overhead. All afternoon icy fog crystals were forming.

April 15.—Misty corona at night.

April 16.—Thermometer box shifted at 0h 12m. Misty corona seen at times in early morning and at night. At 3h very faint brown colour under moon. No brown haze round sun all day. At 8h bank of fog at E. end of Ben Nevis, flowing down and vanishing. At 10h clouds over Glen Nevis at about 4000 feet above top, with a rotatory motion round horizontal axis, the southern or south-eastern side rising and the north or north-western side sinking. At 19h haze in north-western valleys coloured yellow by sun shining down on it from behind clouds. After 23h clouds opened showing blue sky above the scud that was driving across the hill top.

April 17.—Great masses of cumulus fog all round Ben Nevis in forenoon. When the top cleared at 20h the southern hills were capped with dense cumulus, which gradually disappeared. Fragments of lunar halo seen at night, and faint brown colour under moon.

April 18.—At 19h the wind was E.S.E., but the fog was rushing up from northern valley, and passing overhead from N. to S., while above it and below it were east-south-eastern currents.

April 19.—Icy fog crystals forming in afternoon.

April 20.—At 19h solar halo observed. Radius of inner edge, horizontally, 23° 17′; vertically, 22° 0′. Faint brown colour under moon at night.

April 21.—In early morning fragment of lunar halo observed several times. Sunrise colours are visible at 3h. Faint solar halo observed in forenoon. Seven ravens seen at 13h. No unusual colours round sun. Faint auroral arch at night. Meteor as bright as first mag.-star seen at 23h 5m. It went from Pole-star toward W.N.W. horizon, and left a train about 10° long at a height of about 50°, which remained visible for a second. No sounds heard.

April 22.—Faint brown colour under moon in early morning, and under sun at 7h. At 7h fog low down about Loch Ness and Strathglass. At 14h pale glare round sun; sky very blue. This afternoon a new flexible shaft was put on the Robinson anemometer, and the instrument got a general overhaul. It was set agoing at 19h 30m.

April 23.—Black bulb (old) was put out to-day on bracket stand at post A, 58 inches above snow. Double solar corona observed at 11h. The following measurements were made:—

	I.	II.	III.
Radius of inner red,	3° 46′	3° 20′	3° 2′
,, outer red,	6° 41′	6° 18′	6° 41′

April 24.—At 8h spot of light forming part of solar halo was observed, coloured red, yellow, green, and blue, on north side of sun. Radius of red, 24° 20′. At 9h a complete halo, red inside, blue outside. Radius of red, 23° 30′; 23° 3′; 23° 30′. Also double corona. Radius of inner red, 3° 21′; outer red, 7° 22′. At 10h it was found that the flexible shaft of the Robinson anemometer had got broken, probably owing to having been frozen fast near the top and twisted up.

April 25.—At 9h upper segment of halo seen on cirrus much higher than the general amount of cirrus at the time. At 17h solar halo seen. The following measurements were made:—Inside of red (radius), 23° 3′; 23° 3′; 23° 3′; outside of red, 24° 28′. The red colour was on the inside of the halo.

April 28.—This morning the sky under and around the sun was singularly clear and free from haze or glare.

April 29.—At 16h sun behind a cloud, but sky underneath all brown in colour. Faint auroral streamers to N.N.W. at 23h, and distinct but low auroral arch at midnight.

April 30.—Thermometer box shifted at 23h 15m.

May 1.—At 7h brown colour under sun. At 8h solar corona on passing fog. At 14h no brown colour or glare round sun. No fog in valleys all day, but dense haze round horizon all afternoon and night. Faint auroral light seen at 23h and midnight.

May 2.—Portion of solar halo seen at 5h, the part above sun white and ill-defined, but bright red and blue spot to southward of sun; radius of this red, 22° 49′. At 7h complete halo seen, red inside. Radius vertically, 23° 3′; 21° 48′; 22° 49′; horizontally, 22° 36′. Very thick dark haze all round during the day.

May 3.—Long icy fog crystals forming in early morning.

May 5.—Dry and wet bulbs shifted at 3h 5m.

May 6.—At 11h clouds passing over Ben Nevis from S., and passing down the north side into the valley.

May 7.—Solar halo in forenoon. A rough measurement at 10h gave radius, 22° 36′ (red inside). A better set of measurements at 12h gave—

I.	III.
Radius of red (*a*), 22° 36′.	Radius of red (*a*), 21° 36′.
,, (*b*), 22° 36′.	,, (*b*), 21° 2′.
,, (*c*), 22° 0′.	IV.
II.	Radius of blue (*a*), 14° 28′.
Radius of red (*a*), 22° 42½′.	,, (*b*), 24° 28′.
,, (*b*), 22° 36′.	,, (*c*), 24° 13′.
,, (*c*), 22° 36′.	

Measurements in II. and III. were taken alternately; II. being radius of red on upper side of halo, and III. on lower; red in III. not well defined. I.*a* and IV.*b* were measurements of same portions of arc; II.*b* and IV.*c* were measurements of same portions of arc. At 13h measurements got were—Radius of red upper side, 21° 48′; 23° 3′; 22° 12′. Shortly after the measurements were made at 13h, the cir.-str. clouds on which the halo was formed changed into cir.-cum., and it disappeared, but soon came into view again on some filmy cir.-str. This afternoon the flexible shaft of the Robinson anemometer was repaired, and the instrument set going.

May 8.—Robinson anemometer was tied up at 7h, but set going again at 10h. At 17h, however, it was found that the flexible shaft had broken again.

May 9.—Snow flakes at 7h were very large—from ¾ inch to 1 inch in diameter.

May 10.—Thermometer box shifted at 1h 12m. At 9h small bird, not a bunting, seen on roof.

May 11.—Dense rolling cumulus all round in afternoon.

May 12.—Thermometer box shifted at $1^h\ 20^m$. Faint upper arc of halo seen at 5^h. No fog in valleys, but cumulus on hills round most of the day.

May 14.—Thermometer box shifted at $10^h\ 30^m$. At 17^h the wind was easterly (2–3); but the sky was covered with cumulus at no great height, moving from N.N.W.

May 15.—Thermometer box shifted at $14^h\ 15^m$.

May 16.—Double lunar corona at 2^h on low clouds, too fleeting to measure. At 3^h cum.-fog on hills all round. At 4^h level-topped all over western hills. On this fog the shadow of Ben Nevis was clearly seen at $4^h\ 10^m$. Fog also on hills far to E. and N.E. Fragments of solar halo at 5^h. The snow which fell at night was small and hard.

May 18.—The snow that fell at night was hard and icy in texture.

May 19.—Thermometer box shifted at $22^h\ 20^m$. At midnight the northern horizon was faintly tinged with red by the sun.

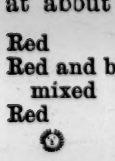
May 20.—Faint brown colour under moon at 2^h. Brown colour under sun at 5^h. Solar halo at 7^h; colours faint, red inside. At 10^h triple solar corona on scud; too fleeting to measure. Air very clear to S.W. in early morning.

May 21.—Dark, but not thick, haze in valleys at night.

May 22.—Faint brown colour under moon at 1^h. Brown colour under sun at 6^h, and low fog on Loch Lochy. At 7^h cloud above sun coloured red and blue in patches (about $5\frac{1}{2}°$ above the sun). When it came nearer to the sun the colours vanished. There was no trace of arrangement in the colours. The cloud of the cir.-cum. type. At $8^h\ 3^m$ a similar cloud showed the same colours, but as this cloud approached the sun the colours formed a more regular corona, being arranged as in margin. Another cloud passed at $8^h\ 6^m$, giving similar colours; the violet and blue in this one were very bright. A third cloud passed at $8^h\ 10^m$, also with bright violet, blue, and green. A measurement of the inner red of this last gave for radius 3° 31′. At 10^h Ben Wyvis seen distinctly, and looking very high.



May 23.—At 4^h the sun was behind a thick bank of haze, and its disc scarcely discernible. A faint upper glow at about 45° above the sun was seen. Solar corona at 12^h; colours as in diagram. Inner and outer red distinct, but space between very mixed in colour. Radius of inner red, 3° 25′; 3° 25′; 3° 18′; 3° 35′; outer red, 6° 41′; 6° 35′; 6° 41′; 6° 41.′ Very large haze all round last night and all to-day. At 16^h both cir.-cum. and cir.-str. were observed. The cir.-str. was distinctly below the cir.-cum., but was apparently moving in the same direction, S.S.W. At 20^h the high cumulus appeared to meet the haze all round, leaving no clear sky. The rainfall at 21^h is filled in by interpolation. The rain came on in short sharp showers, while the air was dry.



May 24.—At $18^h\ 10^m$ dry and wet shifted. During the dry fog to-day the air felt very close and warm.

May 26.—Thermometer box shifted at $16^h\ 10^m$.

May 27.—At 6^h faint brown colour under sun. At 9^h ascending currents from Glen Nevis forming cumulus clouds. At 13^h bright halo seen; red inside, then yellow and blue outside. The following measurements were made:—

Radius of	Red.	Yellow.	Blue.
1st,	21° 24′	23° 44′	24° 43′
2nd,	22° 0′	22° 49′	24° 43′
3rd,	22° 12′	23° 30′	24° 13′
4th,	22° 0′	23° 0′	24° 43′

The double arrows represent the diameters along which the four measurements were made.

May 24.—Thermometer box shifted at $4^h\ 12^m$. Fog rising from Glen Nevis in forenoon. Huge masses of cumulus all round at 13^h. Snow at 14^h hard and dry. Air may have been dry.

May 21.—No colour round sun in forenoon, but at 15^h a faint brownish glare was observed. A very faint afterglow was seen at 21^h. The door and windows were a good deal blocked up with drifted snow during the last week of May. They were dug out on 31st May, after being closed for four days.

June 1.—Brown colour under sun at 5^h and 6^h. Fragment of halo, red inside, seen at 13^h. Haze to northward of a curious green colour at 22^h.

June 3.—At midnight the higher cirrus clouds to northward were bright, apparently with sunlight; but the lower ones were quite dark.

June 4.—At $5^h\ 10^m$ halo and mock suns observed, halo red inside and blue outside. Mock suns at each side so bright as to be dazzling, the right hand one the brightest. Radius from centre of sun to centre of mock suns, 23° 17′. Vertical white segment below sun, and horizontal segment passing through mock sun. This horizontal segment was 12° 32′ above the level-topped haze. At the right mock sun, the red of the halo was not broken, the white mock sun being outside it. The following measurements of the halo were made:—Radius of red, 22° 36′; 22° 36′: yellow, 23° 3′; 23° 30′; blue, 23° 44′; 23° 44′. The mock sun to the left was coloured red, yellow, and blue in same order as the halo. At 8^h halo seen again, rather faint. Radius of inside of red, 22° 0′; outside of red, 23° 17′; outside of blue, 24° 43′—measured on lower segment of halo. At 8^h a corona was also observed on cir.-cum. Radius of inside of inner red, 2° 50′; outside of inner red and inside of blue, 3° 46′; outside of blue and inside outer red, 5° 52′. Corona was faintly seen again at 13^h. No unusual colours round sun when clear of clouds.

June 5.—At 13^h the rain-gauge, which was buried out of sight on 7th April, was found and taken in.

June 7.—At $0^h\ 10^m$ thermometer box shifted one stage lower on ladder-stand. No glare round sun all day, but brown colour at western horizon at 16^h. Halo at 8^h.

June 8.—Fog on hills to S.E. in early morning, which gradually spread over to Ben Nevis.

June 10.—At 17^h raven heard croaking, but not seen. To-day Wm. Stewart, J. Macdonald, and one horse came up. The horse got right up to the Observatory, the snow being hard. This the first horse up this year.

June 11.—At midnight the dry and wet read 36°·1 and 35°·2, though the dry had a large drop of water hanging from it.

June 12.—At $14^h\ 10^m$ thermometer box shifted one stage lower on ladder-stand.

June 17.—At 22^h a dark purple belt was observed to southward, rising from horizon to eastward, to 15° above horizon to south-south-eastward, and sinking again to horizon to south-westward. At same time ordinary sunset colours were observed at north-western horizon. At 23^h and at midnight the cirri clouds to northward shone with a bright silvery light (not auroral); the brightest parts were about 15° above the horizon.

June 18.—From 21^h till midnight the roof of Observatory was quite wet with water blown by wind from face of precipice to northwards.

June 19.—Haze at horizon and over hills to-day till 22^h, when it cleared away.

June 20.—At 20^h fog, which was observed during the afternoon to westward and north-westward, reached the Ben and began to drive over summit. At the same hour part of a solar halo, a fog-bow, and "glories" were observed. Part of a solar halo was also observed at 15^h; no measurements were obtained.

June 23.—At $0^h\ 10^m$ the thermometer box was lowered one step on ladder-stand.

June 28.—The 3^h observation was not taken till $3^h\ 11^m$. No corrections applied to readings.

June 29.—At 12^h the greater part of the clouds was evidently below the level of the top of Ben Nevis. In the afternoon, though there was fog on the hill top, the air was distinctly dry. To-day new rain-gauges, screw plug pattern, but higher in the rim than the last set, arrived at the Observatory.

June 30.—At $23^h\ 5^m$ dry and wet bulbs shifted.

July 1.—At 10^h the lower clouds were distinctly of cir.-str. type. They formed to W.S.W. of Ben Nevis, and passed quickly overhead at a height of about 200 feet. There seemed to be a strong down current to eastwards of the Ben which sucked them down and made them vanish.

July 2.—At $15^h\ 8^m$ thermometer box shifted one stage down on ladder-stand.

July 3.—At 15^h and 16^h, though the dry read higher than the wet, there was a large drop of water hanging from it.

July 4.—Dense cum.-fog over all the hills round at night, rising to over 4000 feet.

July 5.—At $22^h\ 20^m$ dry and wet bulbs put out in large thermometer box.

July 19.—The 20^h observation was not taken till $20^h\ 5^m$. No correction applied to readings.

Aug. 3.—Very thin fog hanging round hill top, covering at times in early part of night. After 23^h top was almost continuously enveloped, but fog was so thin that sky could be quite well seen.

Aug. 14.—At 13^h solar halo observed; no colours visible. Measurement per stephanome of radius = 23° 30′, 23° 3′, and 22° 36′.

Aug. 18.—In early morning sky almost completely covered with very high cumulus, which became slowly denser; a thin haze lying over the hills. At 3^h the eastern sky was of a deep orange colour, there being a clear band of about 10° between the horizon and the edge of the cloud. At 4^h conditions were much the same, except that the clouds were tinged here and there with red. About $4^h\ 15^m$ white fog began to form on the hills. Sometimes dark strata were formed in the valleys, which thickened and became fog, and in some places detached masses of mist rose up in cumulus form, and after reaching a certain height folded in and became umbrella-shaped, with long filaments hanging down. Meanwhile the clouds above seemed to close in and descend, and at 5^h they formed a thick pallium. The clear band to eastwards persisted after the sun had risen and gone above the edge of the pallium, after which it assumed a green colour.

Aug. 19.—At 3^h faint fog-bow observed, too large to measure. At $5^h\ 50^m$ two arcs of a bow were seen, centre apparently due west, on fog bank lying over west end of hill. The outer edges of these arcs were tinged with red. At 13^h solar halo observed, radius 24° 14′.

Aug. 20.—At 2^h the surrounding hills were entirely covered with fog, which rose to a height of about 15° on all sides, leaving the top of the Ben in the bottom of a sort of cup. The upper edge of the fog was almost quite level all round, and sharply defined. A faint lunar corona was observed, and appearance of stars indicated presence of a good deal of vapour. No clouds were observed except small quantity of cirrus.

Aug. 27.—At $20^h\ 50^m$ heavy hail shower commenced, changing to rain at 21^h. Rain continued, but air being very dry almost no record was given by gauges; stones, thermometer boxes, &c. remained quite dry till after 22^h.

Sept. 13.—Dense soft-looking fog in valleys to W. and N. in early morning.

Sept. 14.—At 22^h lunar fog-bow, white; and misty corona. Both formed on scud.

Sept. 15.—Fog in patches on hills in morning, and before sunrise dense fog over Loch Arkaig. Level sheet of fog covering eastern hills in the evening, and haze in the valleys round Ben Nevis.

Sept. 16.—Very thick haze in the valleys rising to rather above the level of Ben Nevis, all day, and blowing across the hill top as thin fog at night.

Sept. 17.—Haze similar to yesterday, but with patches of cumulus fog in it.

Sept. 18.—Dense haze and fog in valleys to about 4000 feet in early morning.

Sept. 19.—At 4^h there was dense foggy-looking haze all round and below the Ben, but no corona or unusual colours at moon.

Sept. 21.—To-day the thermometer box and the black bulb were encrusted with snow and ice, the latter so much so as to render it impossible to set it at night. At 21^h an aurora was observed having two arcs, from the lower of which short streamers were seen ascending. At $21^h\ 5^m$ a brilliant meteor was seen to south-westward at 45° altitude, moving slowly towards S.E. It was so bright as to light up the upper room of the tower, and lasted for about 6 seconds. It made no audible noise. Its length was approximately from 12 to 15 yards. Before fading the head was yellow, the tail being of different colours, having a great amount of blue.

Sept. 22.—At $15^h\ 20^m$ the thermometers (dry and wet) were taken in, being too much encrusted with snow and ice for readings to be satisfactory, and fresh dry bulb and wet bulb were put out.

Sept. 27.—At 5^h St Elmo's fire observed on lightning conductor. Thunder heard at $15^h\ 33^m$. Thunder and lightning at $19^h\ 40^m$. Several flashes of lightning between 20^h and 21^h. Thunder, lightning, and earth currents about 23^h.

Sept. 28.—Lightning seen (one flash) at $3^h\ 3^m$; thunder heard at $5^h\ 27^m$.

Oct. 5.—Though no rain appeared to fall, the mist con-

tained large isolated drops of water both yesterday and to-day.

Oct. 6.—At about 18^h the hill top cleared, leaving fog over the lower hills and rather high clouds of cumulus type above. Thunder was heard at $17^h\ 45^m$, and distant thunder and lightning at $18^h\ 5^m$, $18^h\ 16^m$, and several times about 21^h. At 19^h lightning was seen in the distance to S.S.E. low down just above the fog. At $21^h\ 38^m$ a flash was seen, followed closely by thunder. At the time of the flash a sharp crack was heard in the tower stove-pipe, as if a discharge had gone down the lightning rod. Another flash, with a similar crack and followed closely by thunder, occurred at $21^h\ 47^m$. From $21^h\ 40^m$ to $21^h\ 47^m$ rain fell heavily, and the top was enveloped in thick mist. No thunder or lightning was observed between the flash at $21^h\ 38^m$ and that at $21^h\ 47^m$, and none after the latter; during that time the thunder-cloud seems to have been resting on, or crossing over, the hill top. No damage was done to the Observatory.

Oct. 7.—At 12^h a solar fog-bow was observed. No colours, only a broad white band. Radius to inside of bow, 36° 20′; outside, 43° 36′. This afternoon the Robinson anemometer was taken down.

Oct. 10.—The ground to-day got all covered with dry snow about 2 inches deep.

Oct. 14.—At 23^h misty lunar corona. Double ring, outer, blue inside the red, and inner yellowish. Size varying rapidly, brightest when largest. Radius of inner red, when of medium size, 2° 26′.

Oct. 17.—The snow which fell early this morning was in large soft flakes, and was not hard and dry like the last.

Oct. 18.—To-day and yesterday evening the ground was all icy. Louvres of thermometer box badly choked at night, especially to windward.

Oct. 20.—At 10^h the time error of the Observatory clock was found to be $+\ 5^m\ 5^s$. It had been supposed to be only $+\ 1^m\ 30^s$. The times since the 16th have therefore probably a gradually increasing error, but no correction has been applied to any readings.

Oct. 21.—The fog or scud cleared overhead occasionally at 17^h and 18^h, showing blue sky with some cirrus.

Oct. 22.—Fog-bow seen at $11^h\ 25^m$; colours as in fig. 8. The order of colours in the glory was not determined. No measurement was got. The pink was a badly defined space, not a true band. Auroral streamers seen at 21^h; the arch appeared to be just about the horizon. Thick haze in the valleys and over the other hills at night.

Oct. 23.—Low fog over lochs in Caledonian canal valley at 8^h.

Oct. 24.—White icy fog crystals forming at night.

Oct. 25.—At 16^h glory seen on fog to north-eastward. Rather misty and badly defined; four rings, inner one a mere blotch; second, yellow and red—the brightest of the four; third, green and red; fourth only red seen clearly. The third and fourth were only seen occasionally. Radius of first red, 1° 10′ (bad observation); second red, 3° 46′; third red, 6° 18′; fourth red, 7° 22′; yellow in second ring, 2° 55′; green in third ring, 4° 31′.

Oct. 26.—Meteorite seen at $20^h\ 2^m$; started at about 60° altitude to the E. by S., and fell almost vertically.

Oct. 28.—At $15^h\ 7^m$ dry and wet bulbs were shifted.

Nov. 2.—At $4^h\ 5^m$ St Elmo's fire seen on lightning conductor, anemometers, and kitchen chimney. The brushes of light were broad-looking and bright. Hard dry snow was falling at the time.

Nov. 5.—At 18^h lunar corona seen; colours as in margin (outer blue probably a *margin*). Radius of red 2° 17′ and of blue 4° 43′. Well-defined halo seen all evening. The two following measurements were taken:—At 19^h, radius, 22° 36′; at 20^h, 22° 0′. Fleeting corona also seen; colours as in margin. At 19^h a light was seen to northward, possibly auroral. Heavy drift at night, making rain-gauges useless, but apparently no snow fell.

Blue
Red
☽

Nov. 6.—Very squally all morning, with strong back swirls in the wind. No gauge was out till 19^h, but probably no snow fell. At 14^h the thermometers in the large thermometer box were taken in.

Nov. 7.—At 11^h, though the temperature was 21°, minute drops of rain were falling. Thermometer box shifted at $12^h\ 25^m$.

Nov. 8.—One of the Observatory horses was up for the last time this year.

Nov. 9.—The fog crystals forming to-day were slightly brown in colour. Thermometer box shifted at $15^h\ 15^m$. Fleeting misty double lunar corona, yellow inside and blue outside, seen at 21^h. Great masses of cumulus fog all round at night, and also over the southern hills.

Nov. 11.—At 8^h the shadow of Ben Nevis was seen on low clouds to N.W. and with it a badly-defined glory. A, portion of a solar halo was observed at 10^h and also at 11^h; red inside. At 14^h the western hills were topped with a sheet of fog reaching from about 2000 to 5000 feet in height, and extending from Mull to the extreme north. This rolled on and reached Ben Nevis at about 15^h. Thermometer box shifted at $8^h\ 10^m$.

Nov. 12.—Box shifted at $11^h\ 30^m$. Double fog-bow seen at 13^h; outer bow white, inner bow red and blue, red being inside. Faint single fog-bow (white) seen at 14^h. Lunar fog-bow and misty corona at 18^h. Triple corona at 19^h; colours as in margin. Radius of red, 1° 21½′; middle red, 2° 29′; middle green, 2° 3′. Size varying. Measurements were stopped by ice crystals from passing mist clogging stephanome. White fog-bow seen at same hour. Portion of halo seen at 21^h; radius, 21° 13′. Thin gauzy fog or mist filling valleys up to the level of top of Ben, and hiding hills round all night.

Red
Green
Blue
Red
Yellow
Green
Blue
Red
White
☽

Nov. 13.—Fog similar to last night till 5^h, after which it rose and covered the hill top. The drizzling rain covered all exposed surfaces with ice.

Nov. 14.—Thermometer box shifted at $0^h\ 15^m$. Meteor seen at $5^h\ 10^m$. Triple lunar corona seen at 5^h; colours as in margin. Radius of inner red, 1° 23½′; middle red, 2° 52′; outer red; 3° 36′; inner blue, 1° 34½′. At 7^h red, green, and blue sunrise colours in eastern sky. At 10^h sky at north-eastern horizon sickly green in colour; gloomy to N.W.

Red
Green
Blue
Red
Green
Blue
Red
White
☽

Nov. 16.—Fog-bow seen at 11^h, red outside and white inside. A fainter bow was seen inside this one at times.

Nov. 17.—At 10^h the snow that was falling consisted of very small needle-shaped crystals.

Nov. 18.—Thermometer box shifted at $4^h\ 20^m$. Meteor

seen at $5^h\ 7^m$ to W.S.W. Double corona (lunar) at 7^h; colours as in margin; too variable to measure. At 8^h shadow of Ben Nevis seen as a dark gap in rosy sky to N.W. At 16^h distinct bank of stratus fog on hills of Mull. Very clear to eastward and south-eastward all afternoon.

Red
Green
Blue
Red
White
)

Nov. 21.—Thermometer box shifted at $3^h\ 15^m$. At 4^h faint double corona and portion of lunar fog-bow seen. At 11^h portion of halo (red inside) seen. Broken bits of fog-bow down on Lochs Eil and Lochy in forenoon, but no continuous layers. Hills round almost clear of snow.

Nov. 23.—At 5^h and 6^h the dark part of the moon was clearly seen (new moon on 25th). Through a telescope the dark part looked light blue in colour, with large dark spots on the moon's surface. Though the fog lay all round up to about 4000 feet, no glories were formed on it, only patches of confused colour were seen at times. This evening the mist covered the top of the Ben, but so thinly that the stars were clearly seen through it, yet distinct drizzling rain fell. Faint aurora seen at night.

Nov. 24.—The dark part of the moon was seen again this morning similarly to yesterday. At $7^h\ 20^m$ long dark gaps like streamers in eastern sky. The sun rose at about $8^h\ 12^m$. Brown colour under sun at 9^h.

Nov. 25.—Auroral arch (low down) seen at 23^h, with faint streamers.

Nov. 26.—Meteorite (from Andromeda ?) seen to westward at $0^h\ 2^m$.

Nov. 28.—Bright display of St Elmo's fire on lightning rod and anemometers at midnight, heavy but dry and hard snow falling at the time.

Nov. 29.—St Elmo's fire on lightning rod at 5^h, snow falling at the time. Thermometer box shifted at $9^h\ 20^m$.

Nov. 30.—Thermometer box shifted at $12^h\ 15^m$.

Dec. 4.—Faint misty lunar corona seen several times in evening; too fleeting to measure.

Dec. 5.—Thermometer box shifted at $8^h\ 20^m$.

Dec. 6.—Thunder heard at $5^h\ 44^m$. Earth-current in telegraph cable about 10^s before the peal was heard.

Dec. 7.—Thermometer box shifted at $4^h\ 15^m$. At 4^h the dry (No. 192671) was below its scale, and the temperature of wet was assumed to be also that of the dry.

Dec. 8.—No rain-gauge was out from 4^h to 10^h, as the drift made it useless, but apparently no snow fell. At 6^h and 7^h the wind was so strong that it was impossible to go to the thermometer box. At 7^h Mr Rankin went out at the tower door tied with a rope, but found himself unable to stand. The fog crystals formed this morning were very slightly brown in colour. At 20^h and 21^h fleeting double coronas formed on scud.

Dec. 10.—Thermometer box shifted at $22^h\ 20^m$.

Dec. 11.—Dry and wet bulbs shifted at $2^h\ 10^m$. The snow which fell at night was soft and heavy, and did not drift.

Dec. 13.—Faint afterglow observed at 16^h. Bright single-arch aurora at 18^h. No streamers, and arch hazy at its edges. Loose cum.-fog hanging about the hill all day, and occasionally brushing the top. Sky very clear, and deep blue in colour.

Dec. 14.—Very thin cirro-stratus in sky most of the day; the sun shone through it, though not strongly enough to record on the paper of the sunshine recorder. Portions of lunar halo seen several times at night.

Dec. 15.—Very squally, with back swirls at night. Had to use jacketed lantern. No gauge was out, but probably no snow fell.

Dec. 16.—Fleeting misty lunar corona at times in early morning; no measurements got. Glories and fog-bows at 15^h; too fleeting to measure. Glory double, with reds outside. Fog-bow as broad whitish band, with occasionally another bow inside it more sharply defined and coloured. Cum.-fog hanging about the sides of the Ben all day.

Dec. 17.—At 10^h very small star-shaped snowflakes falling. At 14^h air full of very fine needle-shaped crystals. The snow at night was ordinary snow—quite soft. At $14^h\ 30^m$ white vertical beam under sun, apparently stretching down into Glen Nevis. Faint misty glories seen at times in afternoon; no measurements got. Faint aurora seen at 21^h; no streamers, only a low irregular-looking arch.

Dec. 18.—Misty faint glories seen in afternoon; too fleeting to measure. No gauge was out at night, but probably no snow fell, though there was considerable drift.

Dec. 19.—Thermometer box shifted at $10^h\ 30^m$. A faint auroral light seen to northward at night. Sky cloudless to horizon at night, but dark hazy look in the valleys below.

Dec. 20.—At 7^h red, green, and blue sunrise colours at eastern horizon. Dark portion of moon clearly seen. At 9^h two layers of cir.-cum., the higher radiating from S. by W. and the lower from S.W. Shadow of Ben Nevis seen on brownish-red clouds above the N.W. horizon; no glories or fog-bows about it. At 12^h upper half of halo seen, red inside, white outside. Radius of middle of red, 21° 54′; junction of red and white, 22° 12′; middle of white, 23° 58′. Distinct though small rain fell at 21^h, though the temperature was 18° 0′. The fog crystals at night were white.

Dec. 23.—Snow at night large and soft.

Dec. 25.—The snow which fell to-day was large and soft. Measurements at night rather doubtful, owing to drift.

Dec. 26.—Thermometer box shifted at $0^h\ 20^m$. Fog on all hills to S.W., W., and N. during the day,—a level layer, but with roll-cum. top; it rose to about 3000 feet, but looked thin. At 10^h a faint vertical halo stretching down from sun. At 12^h a little drizzling rain and small dry snow were falling at the same time, temperature 19° 4′. At $12^h\ 30^m$ misty glory and double fog-bow seen. Outside bow had red outside and inside bow red inside. No measurements got. No unusual colours near sun during the day; sunset colours weak, and apparently no afterglow. Dark hazy look round horizon and under Ben all night. Aurora seen at night; single low arch. A few streamers (upwards) observed at 22^h.

Dec. 27.—At 9^h shadow of Ben Nevis seen on clouds to N.W. above the horizon. Faint halo at 10^h. In the evening the snow was large and soft, but after midnight small and hard.

Dec. 29.—Thermometer box shifted at $17^h\ 15^m$.

Dec. 30.—At 10^h small needle-shaped crystals of snow falling. Drizzling rain fell at 21^h, and a very little small hardish snow at 22^h. Fog crystals at night were white and icy. Double fog-bow seen at 11^h. Red outside outer bow and inside inner. The following (rough) measurements were got:—Radius of outside of outer bow, 41° 22′; middle, 39° 20′; inside, 36° 36′; outside of inner

bow, 34° 44′; inside, 32° 20′. The first and last measurements give the radii of the two reds. Misty glory seen at 15^h; colours as in fig. 9; the central part a confused mass of colour. Radius of red, 1° 53′. Earth shadow seen to eastward at 16^h, and a very faint afterglow at $16^h\ 5^m$. Fog on hills to about 4000 feet all day.

Dec. 31.—Distinct icy hail fell in forenoon. At 13^h the rain-gauge contained round icy particles like frozen rain drops. The rain covered everything with a coating of ice, three or four inches thick in some places.

Instruments in use during 1886.

Barometer No. 1385 was in use during the whole of 1886; No. 1252 being occasionally read as a check.

For the Dry and Wet Bulb Thermometers, No. 192660, 192672, 192677 and 192671, all by Adie and Wedderburn; and also No. 50850 and 50852, by Negretti and Zambra, but fitted with glass scales by Adie and Wedderburn, were used.

The Black Bulb *in vacuo* used was No. 186 by Hicks.

Up to July 4, 5-inch rain-gauges were used, but after that date 5-inch gauges with higher rims were in use except when only rain was falling. All gauges made by Alexander Kemp, from drawings supplied by Mr Omond.

The Chrystal (Direction) Anemometer worked fairly well, and the Robinson (Velocity) Anemometer occasionally. On Oct. 7 it was taken down for the winter.

From July 1 to July 24 the brass-work of the Sunshine Recorder was under repair, and the papers were mounted in a temporary frame, which, however, worked well.

On Sept. 18 a new Chrystal Hygrometer arrived at the Observatory, but there have been as yet very few opportunities of testing its working.

From July 6 to Nov. 5 inclusive, the Thermometers in use were placed in the large louvred box; for the rest of the year in small boxes on ladder-stand. Max. 117293 and min. 116918 were used in large box; and mins. 138533 and 138545 in small boxes. The depth of snow was always measured at post A.

The measurement of the rainfall was interrupted several times by drifting, and the ozone papers were occasionally blown away. Temperature readings were not got at 6^h and 7^h on Dec. 8, owing to the high wind and dangerous drift. Otherwise the record is continuous, though once or twice the observation was a few minutes late.

Professor Ewing of Dundee sent during the summer a Seismometer, which was mounted on the stone slab in office, but which is not yet in satisfactory working order, owing, it is believed, to want of steadiness in the slab. From Aug. 14 to Sept. 4 the Cosmic Dust Collector was out.

The Barograph has worked most of the year, but its scale is seriously in error, a deflection of 2·25 inches on it corresponding to 1·00 inch on the Mercurial Barometer. It seems also to have been strained a little during the low pressure on Dec. 8.

The Thermograph has not been used.

The Hair Hygrometer has not been used.

The permanent staff of the Observatory consists as before of R. T. Omond, A. Rankin, and J. Miller.

From July 15 to Sept. 28 Mr Gray (telegraph clerk) was also at the Observatory.

Messrs H. N. Dickson, J. T. Morrison, W. Hay, and J. Duncan took the places of some of the staff at various times.

1887.

Jan. 1.—At 7^h a very few large flakes of snow falling, each covering about one inch square.

Jan. 2.—At 18^h triple corona seen. Red outside in all three rings; outermost ring faint and evanescent. At times a fourth red was seen inside these surrounding white space near moon, but it was too small to measure (less than 50′). It was formed on scud; diameters seemed to vary. The following measurements were got:—Radius of innermost red, 1° 22′; middle, 2° 5′; outermost, 4° 23′. When no scud was passing a blue corona was seen. Radius, 3° 2′. Lunar fog-bow seen also at 18^h. Radius was about 38° 40′.

Jan. 3.—At 1^h rain-gauge was found undercut and leaning over. None was put out till 4^h. At 11^h it was again found undercut, and none was out till 17^h. Faint halo seen at 19^h; also triple corona. Red outside in all three rings. The following measurements were got:—Radius of first red, 0° 54′; 0° 56′; 1° 0′; second red, 1° 48′; third red, 3° 36′; 3° 15′. Thermometer box shifted at $22^h\ 20^m$.

Jan. 4.—At 6^h narrow auroral arch seen, top about 11° above horizon. No streamers. At 9^h a bright golden-coloured corona round sun. No fog or haze in valleys, but a pink colour, like very thin haze, under the sun in the valleys. No gauge was out at night, but apparently no snow fell. Though the wind was high (force 7–8) there was little drift.

Jan. 5.—Solar corona seen at 13^h; colours as in margin. Radius of red[1], 3° 7′; red[2], 6° 12′; extreme outer edge of red[1], 4° 13′. Lunar corona seen at 22^h; colours as in margin. Radius of inner red, 3° 20′; outer red, 6° 29′; inner yellow, 2° 36′; outer yellow, 5° 22′. Yellow bands narrow, but green broad, and badly-defined.

Red[2]
Green
Red[1]
White
☽

Red
Yellow
Green

Jan. 6.—Thermometer box shifted at $9^h\ 30^m$. Solar halo at 11^h and 13^h. Red inside. Radius, 22° 24′ and 22° 6′. Misty badly-defined lunar corona at night. To-day the snow at the first gorge was measured, and found to be overhanging the cliff about 63 inches.

Red
Yellow
White
☽

Jan. 8.—Halo seen at 1^h. Three measurements got. Radius to inside edge of halo, 21° 36′; 22° 0′; 20° 51′. Solar corona seen at 11^h (double). Radius of inner red, 3° 31′; outer red, 6° 7′. At same hours glory seen with four rings; larger than usual, and the colours broad and soft-looking. The innermost red was only seen occasionally. Radius of second red, 4° 46′; third red, 8° 43′; fourth red, 12° 6′. While measuring the glory a cloud passed to southward of Ben, and its shadow blotted out part of the

three outer rings, but its shadow did not fall on the observer. At 12h portion of glory seen on clouds to northward, though at the time the shadow of observer fell inside the edge of cliff (see fig. 10). At 14h faint brown colour under sun. At about 18h 3m lunar corona seen, while sky appeared cloudless. At 18h 6m stratus began to form to E.S.E., and at 18h 8m sky was overcast.

Jan. 10.—Faint brown colour under sun in afternoon. White dry fog crystals forming at night. No snow fell apparently at night during the height of the gale, as there was comparatively little drift.

Jan. 11.—Rain-gauge put out at 11h, as there was an icy crust on the snow, due to drizzling sleet and no drift going. The snow falling in afternoon was large, white, and rather hard.

Jan. 13.—Thermometer box shifted at 22h 15m. Before this the louvres of box were badly choked with fog crystals and drift.

Jan. 14.—Lunar corona at 7h; colours as under—☽ white, yellow, red, violet, blue, green, yellow, red. Only seen occasionally; too fleeting to measure, and size apparently varying. At 13h small needle-shaped crystals of snow falling. At 17h (after sunset) faint upper glow with long streamers and purple glow to eastward from 15° to 70° above horizon. Bright aurora at 19h; no streamers. On the upper side of the arch, a little on each side of the highest part there was a dark patch partly cutting the aurora through, and marked on the sky above; stars seen through it. At 23h the moon was just rising, very yellow. At midnight the dry bulb read 24°·5 and the wet 22°·3, yet in less than one minute after reading them very thin fog was blowing over the hill, giving a damp feeling to the air, and a double corona was formed on moon, inner very yellow, outer faint blue-green with red ring outside. Level-topped fog on hills to about 4000 feet at night, with haze above it.

Jan. 15.—Level sheet of fog on all hills round, at about 4000 feet, all the early morning. Lunar corona at times formed by scud passing high up, though the air was very dry. Upper glow above a bright orange-coloured streak at eastern horizon at 8h. The fog on the hills broke up into detached bits of cumulus type in the forenoon, but haze formed round the horizon, and there was a brown colour under the sun in afternoon. At 16h 5m dry and wet shifted.

Jan. 16.—Thick dry fog crystals forming all day, slightly brown in colour.

Jan. 17.—No rain-gauge was out till 16h, but apparently no snow fell before 11h.

Jan. 18.—At 20h the rain-gauge could not be found, as it was buried in a drift. At 22h, however, the snow had been so much cut away that the gauge was visible. No gauge was out after 20h till midnight.

Jan. 20.—Thermometer box louvres choked with hard ice all afternoon.

Jan. 21.—Thermometer box shifted at 18h 30m. Before this the louvres were badly choked with ice.

Jan. 22.—Ice forming freely on all exposed surfaces again this afternoon.

Jan. 23.—From 20h till midnight an aurora was observed; single arch—no streamers. Louvres of thermometer box badly choked with ice all day.

Jan. 25.—Thermometer box shifted at 1h 30m.

Jan. 26.—Very heavy hail in early morning. The following measurements were got, but not entered in daily sheet, as the gauge evidently contained a large amount of drifted hail:—At 2h, 1·460; at 3h, 1·733; and at 4h, 2·233. No gauge was out after 4h till 7h. The squalls in early morning came in very sudden blasts.

Jan. 28.—A flash of lightning was observed at 6h 27m. Strong earth-currents in telegraph wire at 6h 52m and at 7h 10m.

Jan. 30.—The snow which fell at 16h and subsequently to-day was very small, but not hard. Thermometer box shifted at 18h 12m.

Jan. 31.—Readings of rain-gauge very doubtful. At 11h the gauge was found buried up to the rim, and none was put out till 21h. The strong winds had blown so much of the late snowfall off that to-day the old surface hardened by the rain of last week was showing in several places. The fog crystals forming to-day were white and rather hard.

Feb. 2.—At 7h the rain-gauge was found full of drift; none was put out after that till 17h, but all the measurements got were unsatisfactory. Thermometer box badly choked up with fine drift during most of the day.

Feb. 3.—Thermometer box shifted at 9h 30m.

Feb. 4.—At 5h St Elmo's fire seen on lightning conductor and crystal vane, also faintly visible at 6h. At 7h 2m bright flash of lightning, followed very closely by thunder. At 7h 7m earth-currents in telegraph cable, and 7h 25m another peal of thunder.

Feb. 5.—At 12h the snow that was falling consisted of partly flat soft flakes and partly of hard white (haily) snow. The snow this evening was lying in waves from 20 to 50 inches long and about 2 inches high from trough to crest.

Feb. 6.—Lunar fog-bow and corona seen at 2h. Inside radius of fog-bow, 33° 56′; outside, 40° 20′—measured from shadow of head of observer. At 3h faint brown colour under moon. Thermometer box shifted at 3h 20m. Earth shadow seen to westward at 8h just before sunrise. Dense haze or fog hiding Mull all day. Brown colour under sun above this haze in afternoon, but no glare round sun. Earth shadow seen again after sunset.

Feb. 7.—The drizzle from the mist this morning gave a brown colour to the snow, and the fog crystals were also brown.

Feb. 8.—At 7h faint pink glow on thin cir.-str. clouds 15° to 20° above eastern horizon. Sun rose just at 8h. Dark brown colour under sun at 9h. No afterglow at 17h, but sky "smudgy." Double lunar corona at 23h and midnight. Rather indistinct, apparently formed on cir. clouds. Radius of inner red, 2° 1′; outer red, 4° 40′. No trace of a halo was observed on the cirrus. This afternoon the snow at the first gorge was found to be overhanging the edge of the cliff 172 inches.

Feb. 9.—At 6h double lunar corona seen; colours in following order:—☽, white, red, violet, blue, green, red. Radius of inner red, 1° 45′; violet, 2° 19′; blue, 2° 50′; green, 3° 15′; outer red, 4° 0′. Brown colour under sun at 10h, and again in afternoon. Haze, thickening into fog to W. and S., in valleys and over all lower hills to-day.

Feb. 10.—At 4h cum.-fog was rising as high as the top of Ben out of corries to north-eastward, though dry and wet read 28·0 and 23·2. At 7h the fog was rising higher than the Ben to S.E. and at 8h it covered the Ben.

Feb. 12.—Double lunar corona at 7h; colours in following order:—

☽	White.	Red.	Purple.	Green.	Yellow.	Red.
Radii,	...	1° 14′	1° 34′	1° 49′	...	2° 28′

At 17h misty pinkish colour to westward below level of Ben. As the sun set the shadow of Ben was distinctly seen above the horizon to E.N.E. for a few minutes, until lost in the general earth shadow. The sun set into the sea, and as it disappeared a momentary bright green flash was observed. No afterglow was observed. At 21h aurora, consisting of a bright single arch without streamers, was observed. Height of top of arch above horizon about 12°; width of bright part of arch, 2° 15′. At 22h the arch was more irregular, being apparently made up of several superimposed on each other, and a few long streamers reaching nearly to the zenith were seen. The clouds which formed overhead in afternoon appeared to sink down as evening came on; though the sky was clear the air on the hill top was nearly saturated at 20h, and it did not dry again till midnight.

Feb. 13.—Double fog-bow seen at 12h. Trace of red outside outer, and inside inner bow.

Feb. 15.—Bright light seen to northward through breaks in fog at 1h, possibly auroral. A few passing glories seen at 14h 10m. Solar corona observed on passing scud at 12h, always double, sometimes triple; best seen when scud was uniform in thickness—not fibry—and thin enough to see the blue sky through.

Radius of inner red,	3° 35′	3° 31′	{3° 52′ / 6° 55′}	3° 21′	{4° 13′ / 7° 38′}
,, outer red,	4° 28′	5° 43′			

The bracketed values were taken at as nearly as possible the same time. At 9h 20m the fog crystals on the stand for hygrometer were measured. Next the wood was one inch deep of white badly-defined and rather powdery crystals, then $\frac{3}{4}$ inch of brown well-defined feathery crystals, then $\frac{1}{10}$ inch of pure white crystals, grown in last half hour. Between the $\frac{3}{4}$ layer and the $\frac{1}{10}$ inch layer was a belt of minute black specks which had apparently formed while the top was clear of fog. At 11h the outer white layer was 0·55 inch long, showing a rate of growth of over $\frac{1}{4}$ inch per hour.

Feb. 16.—Brown fog crystals forming in early morning.

Feb. 17.—Ice on all exposed surfaces in morning, but no trace of dust in it.

Feb. 18.—Thermometer box shifted at 22h 15m.

Feb. 21.—Louvres of thermometer box choked with fog crystals and drift all yesterday and to-day.

Feb. 24.—The snow which fell at night was dry and hard, and in rather large flakes.

Feb. 25.—Thermometer box shifted at 19h 20m. The measurements of amount of snow this afternoon are very doubtful, owing to drift.

Feb. 26.—Very thin film of cirrus over sky in early morning; stars showing through it. At 7h the under surface of the clouds to eastward was like sheets of flame, and the sky behind of a sickly pale green colour. At 7h 15m the colours had faded. Slight brown colour under sun at 13h. Sunset colours weak; no afterglow observed.

Feb. 27.—Dark haze mixed with small patches of cum.-fog round horizon and in valleys all day. Snow almost gone off other hills round. Dull "smoky" colours at sunset.

Feb. 28.—Haze similar to yesterday in the valleys all day. Faint brown colour under sun at 16°.

Mar. 1.—Solar corona at 13h 10m on passing scud. Three rings, red outside in each. The following measurements were got:—

	I.	II.	III.	IV.	V.
Radius of first red,	1° 46′	...	...	1° 41′	...
,, second red,	2° 26′	2° 34′	2° 39′	2° 44′	...
,, third red,	4° 8′	...	...	...	4° 40′

At the same time a faint red corona seen on cirrus clouds when the scud cleared off; radius about 0° 56′. Thermometer box shifted at 15h 12m. At 16h faint brown colour under sun. At 17h misty red colour under sun, and solar corona formed on scud. Three rings, red outside in all. The following measurements were got:—

	I.	II.	III.
Radius of first red, . .	1° 41′	1° 25′	1° 19′
,, second red, .	2° 23′	2° 26′	2° 30′
,, third red, . .	3° 54′	...	...

At night lunar corona seen occasionally; too fleeting to measure. Fog crystals at night white and icy.

Mar. 2.—About half an inch of hard ice on all exposed surfaces this morning.

Mar. 3.—Ice forming freely on exposed surfaces all morning; no trace of dust in it. At 12h and 13h fog-bow seen, red outside; no other colours. Icy fog crystals forming in afternoon. After 18h the sky above was apparently clear, but banks of fog higher than Ben Nevis lay all round, and the hill top was often enveloped by this fog drifting over.

Mar. 4.—Glories seen on passing fog all day. At 11h 15m one seen from roof of Observatory, the shadow of observer falling on the snow about 10 yards away. Colours in following order:—Centre, white, red[1], blue, green, red[2], blue, red[3]. Radius of red[1], 2° 15′ and 3° 12′ (inside and outside of colour). Another seen from edge of cliff at 11h 20m; no fog-bow with it. Four rings of colours in order below. Measurements to outside edge of colour in each case. The radii appeared to vary slightly as the surface of the fog rose and fell.

Radii.	Colours.
9° 28′, ...	Faint Red [4]
	Faint Green
6° 12′ and 6° 18′, ...	Red [3]
5° 14′, ...	Yellow
4° 40′, ...	Green
4° 5½′, ...	Dark Blue
3° 35′ and 3° 25′, ...	Red [2]
	Yellow
	White
	Bad Blue
1° 4½′ and 1° 1½′, . . .	Yellowish Red [1]
	Centre of Shadow

Another glory seen at 14h 5m from edge of cliff. Four rings, red outside in each:—

Radius of second red, . .	3° 46′
,, second yellow, . .	2° 40′
,, second blue, . .	1° 43′
,, third red, . .	10° 37′
,, third yellow, . .	6° 12′
,, third green, . .	4° 25′

Bright glories, too fleeting to measure, were seen all afternoon on the loose fog drifting across the hill top. Solar corona seen at 11h 10m; colours as follow:—

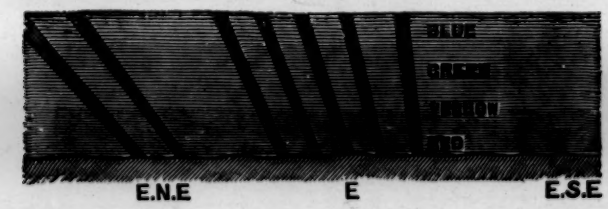
⊙	Radii.	Outer Edge.	Inner Edge.
White			
Red 1	2° 9′	2° 27′ and 2° 30′	1° 40′
Dark Blue	2° 30′		
Green			
Red 2	3° 54′	4° 43′ and 4° 37′	3° 31′
Dark Blue			
Green			
Red 3	6° 48′		
Dark Blue			
Green			
Red 4	7° 59½′		

Another solar corona seen at $12^h\ 10^m$, colours and radii (outer edge of each colour) as under:—

⊙	
White	
Yellow	
Red 1	2° 39′ and 2° 39′
Dark Blue	
Green	
Yellow	
Red 2	4° 46′
Dark Blue	
Green	
Red 3	7° 55′
Blue	
Red 4	9° 41′

All the afternoon and evening very thick fog lay over the hills round, not a single hill top showing through till well on in the night, while the sky was cloudless, and with no trace of glare round the sun or moon and no brown colour under either. The sun set into the level-topped fog at $18^h\ 2^m$. The sunset colours at $18^h\ 10^m$ were red, pale yellow, and pale blue. No afterglow. Earth shadow distinct to east, with a red glow above it reaching to 45° altitude.

Mar. 5.—At 3^h faint brown colour under moon. At $6^h\ 15^m$ appearance of eastern horizon as in diagram. At 6^h



20^m red and orange colours rising higher, and gaps between the bright parts lengthening. At $6^h\ 35^m$ red almost gone, only faint traces of gaps left, and a faint pink glow about 12° above horizon. At $6^h\ 45^m$ only orange and yellow colours, then colourless or blue strips of sky, then pink glow; no gaps. Sun rose at $7^h\ 2^m$. Before and as it rose earth shadow 2° high to west, with shadow of Ben Nevis about 2½° high distinctly marked in it. Brown colour under sun in morning and evening. Haze and detached cum.-fog in valleys all day, but no continuous sheet of fog over hills, as there was yesterday. Earth shadow seen at sunset, and shadow of Ben Nevis still visible on cloud or haze to eastward after it had vanished. Sun sank into haze, but was seen through it down horizon. No green flash seen either when disappearing into haze or below horizon. Colour of sun above haze was yellow, and in haze red. Single arch aurora seen at night. Highest point of arch 16° above horizon, breadth of arch about 4° at 20^h. Streaks of cirrus and haze to south-west at night.

Mar. 6.—At 6^h red and yellow sunrise colours seen. At $6^h\ 50^m$ a vertical beam of light starting from 5° above the horizon to east and about 5° long was seen; it lasted till the sun rose at $6^h\ 56^m$. One minute or so after the sun rose it appeared double. Solar halo seen between 9^h and 10^h, as sketched (see fig. 11); colours as marked. The mock suns were red inside and blue outside; they lay distinctly on the outer edge of the halo. The following measurements were got:—

	Left Mock Sun.		Right Mock Sun.
Radius of red, .	22° 49′	23° 17′	23° 3′
„ white, .	23° 44′	24° 13′	24° 13′
„ blue, .	24° 28′	...	24° 58′

Faint traces of green and yellow seen in the mock suns at $10^h\ 10^m$. The mock suns and horizontal white bar about 24° above horizon at 9^h. The haloes, &c., continued to be visible till 13^h. As the sun rose higher the horizontal bar curved upwards, and at noon the appearance of the inner halo and mock suns was more as in fig. 12. The bar also extended then inside halo. The following measurements were got at various times of the different parts:—

Sun to western mock sun, . .	23° 46′
„ eastern „ . .	23° 42′
„ white circle E, . . .	79° 56′
„ „ 2d measurement,	81° 23′
„ green at junction of C and D,	50° 26′
Red of C to red of A, . . .	25° 28′ and 24° 48′
Blue of C to blue of A, . . .	25° 13′ and 24° 32′
Green of C to green of A, ...	24° 20′

At $12^h\ 20^m$ measurements were made of the wings between A and B. A point P on one wing was taken and its distances from Q, S, and Z (see margin) measured. The wings were not arcs of same circle; judging by the old ring of stephanome, their centres of curvature lay about midway between the sun and the mock suns on either side. Haze with some patches of fog in valleys all day. Brown colour under sun in afternoon. Mock sun seen again at 17^h. Radius of red, 22° 0′; of yellow, 22° 36′; of blue, 23° 17′. Faint lunar halo seen at 20^h. Single-arch aurora at $22^h\ 30^m$. At $22^h\ 40^m$ it broke up into a set of short vertical rays of rapidly varying place and brightness. At 23^h it was gone. Its colour was greenish-yellow.

PQ = 13° 22′
QS = 24° 8′
PS = 29° 52′
QZ = 28° 56′
PZ = 19° 34′

Mar. 7.—At 6^h sky green near horizon to eastward. At 7^h faint double solar corona. Fleeting coronæ and glories were seen all day, but no measurements were got. Dense fog over the lower hills during the day, which occasionally blew across the top of Ben Nevis; but it cleared away at night, remaining longest on the hills to S.E.

Mar. 8.—Fog gathered again on the hills round in morning, and gradually rose till at about $14^h\ 30^m$ it covered Ben Nevis.

Mar. 9.—White dry fog crystals forming in early morning. At 11^h thick haze with detached cum.-fog in it in valleys. The snow that fell in the afternoon was hard and dry.

Mar. 10.—The snow which fell to-day was light and dry, and drifted along the ground easily. The gauges

were useless after 15^h as they were found always either nearly buried or else undercut and lying over.

Mar. 11.—A rain-gauge was put out at 8^h, and they continued to be shifted till 15^h, but the readings were obviously worthless. No gauge was out after 15^h. Sky clear, but banks of cum.-fog all round higher than Ben Nevis at night. Dry and wet bulbs shifted at $22^h\ 10^m$.

Mar. 12.—Faint brown colour under sun in afternoon. Cum. at horizon all day, especially to westward.

Mar. 13.—At 4^h faint brown colour under moon. The recent fall of snow has been almost entirely swept off by the wind, leaving only patches or wreaths here and there.

Mar. 14.—Some passing showers were observed to-day near the horizon, and a little snow may have fallen on Ben Nevis, but the gauges were quite useless, owing to the light whirling drift brought up by the northerly wind from the cliff.

Mar. 15.—Masses of cum.-fog round Ben Nevis most of the day. A light—probably auroral—seen above this to northward at 21^h and 23^h.

Mar. 16.—Aurora, single arch, no streamers, seen at 2^h and 3^h. At 5^h red, green, and blue sunrise colours seen. At 6^h faint pink upper glow above yellowish sunrise colours to eastward. After 6^h dark arch of shadow seen to westward about 10° broad at thickest part, and about 20° above horizon. The sky above and below this was distinctly brighter than itself. By $6^h\ 32^m$ this arch had sunk down towards the horizon, and become the earth shadow; the sky above it was bright red. The sun rose about $6^h\ 35^m$, and at $6^h\ 37^m$ the shadow was still seen to westward, with the shadow of Ben Nevis showing still darker in it. At $6^h\ 40^m$ the earth shadow was gone, but the shadow of Ben Nevis was still visible above the horizon. Views very clear in forenoon; Jura, Colonsay, and Oronsay clearly visible. Distinct brown colour under sun. At 11^h two mock suns, with faint trace of white horizontal circle outside them, seen on apparently perfectly clear sky. No trace of 22° halo. Radius of eastern mock sun, 25° 13′. At $11^h\ 15^m$, however, a trace of cir.-str. was observed round and near the sun. After noon cum.-fog began to form on southern and western hills, and very loose fog to rise out of Glen Nevis.

Mar. 18.—Low fog in valleys not rising above 1000 feet, except in a few places in morning and on till 10^h, after which it broke up and rose as cum.-fog. Thin uniform sheet of cloud over the Ben most of the day. Thermometer box shifted at $15^h\ 10^m$.

Mar. 19.—Air very clear at sunset, Jura, Mull, and islands beyond being all visible. At 19^h dark purple belt to eastward about 15° above horizon, with streak of sky below it above the haze near the horizon. Dark haze all round horizon at night, with auroral light above it to N.W. and N.

Mar. 20.—Very dark haze at horizon in early morning. At 14^h a few hard rounded flakes of snow were falling, though the gauge recorded nothing; similarly at midnight, but the flakes then were soft. White fog crystals forming in afternoon.

Mar. 21.—Very thick haze in valleys in early morning, Locheil and Loch Linnhe invisible at 6^h. At 6^h faint pinkish upper glow above red streak at eastern horizon. At $6^h\ 7^m$ earth shadow seen; at $6^h\ 18^m$ the top of it was about 15° above horizon to westward. Sun appeared at $6^h\ 22^m$, and was all up at $6^h\ 26^m$. At 9^h solar corona seen; colours as in margin; no measurements got.

Red
Blue
Red
White
⊙

Haze and cum.-fog all round all morning. A few soft snow flakes fell in afternoon. Probably no snow fell at night, though the gauge recorded a little, as there was a good deal of surface drift.

Mar. 22.—Fog crystals in morning loose and dry, and slightly brown in colour.

Mar. 23.—Several showers of hardish solid snow fell in the forenoon. Fog crystals at night hard and icy.

Mar. 24.—Louvres of thermometer box considerably choked with drift and crystals both yesterday and to-day.

Mar. 26.—Thermometer box shifted at $4^h\ 15^m$. Solar halo of 22° seen at 8^h, red inside and bluish white outside; no measurements got. The snow at the first gorge was found this afternoon to be overhanging the edge of the cliff by 217 inches. Icy fog crystals forming in afternoon.

Mar. 27.—Very variable winds most of the day, and especially towards nightfall.

Mar. 29.—Thermometer box shifted at $22^h\ 15^m$.

Mar. 30.—At 6^h, after the sun was up, the shadow of Ben Nevis was visible above the horizon to westward. At 7^h thin haze filled the lower parts of the valleys, but to S.W. there was above this another distinct streak of haze just touching the tops of the hills in Mull and Jura with quite clear air between. This streak was distinctly haze and not cloud. At 8^h the clear space had vanished, and stratus was beginning to form in the haze. At $8^h\ 7^m$ the sky was overcast. At 9^h the cloud formed an arch over Ben Nevis, moving with the northerly wind, and hanging down both to N. and S.

Mar. 31.—Strong back-swirls of wind in early morning and very heavy and sharp squalls coming in hammer-like blows.

April 1.—Strong back-swirls again to-day. Thermometer box shifted at $11^h\ 25^m$. A single-arch rather faint rainbow seen at 15^h [Temp. dry, 25° 1′; wet, 23° 9′]. Icy fog crystals forming all night.

April 4.—Thermometer box shifted at $11^h\ 30^m$. At 12^h and 13^h hard snow falling in conical pieces having spherical bases; diameter of base from $\frac{1}{20}$ to $\frac{1}{4}$ inch; angle at vertex 90°. Fleeting double lunar corona formed on scud at night, usual type, inner circle yellow and outer blue-green; no measurements got.

April 5.—At $0^h\ 10^m$ thermometer box put one stage higher on ladder-stand. At 3^h double lunar corona seen; colours as in margin. Radius of red[1], 2° 10′; yellow[1] (about) 1° 38′; red[2], 4° 13′; yellow[2], 3° 58′. Fog-bow seen at same time, rather faint. At 4^h light seen to E.N.E., possible zodiacal. At 20^h wind very squally and variable. The lamp was blown out twice, and the sling note-book blown away. Lantern in jacket was used at 21^h and 22^h. At 22^h the door of the thermometer box was found torn off its hinges and lying on the snow; it had probably not been properly secured at 21^h. The dry and wet were, therefore, for that hour (22) exposed partly to radiation.

Red[2]
Yellow[2]
Blue
Red[1]
Yellow[1]
Bluish white
☽

April 6.—Thermometer box shifted at $9^h\ 30^m$. At 10^h solar corona seen occasionally. At 19^h stratus pallium overhead, but rosy and hazy light to westward below its edge. This reddish colour was also seen on the westward side of the hills to S. and S.E.

April 7.—Layer of thin stratus overhead all day, with its lower edges often brushing the hills round; sun shining through it in patches. At 17^h the sun's rays shining down into the haze that filled the valleys to westward light it up; the rays below the sun were brick-red, those to S.W. green, and those to N.W. bluish in colour. At 19^h the clouds were coming lower and disappearing. At 20^h the sky was cloudless. Faint brown colour under moon at 22^h.

April 8.—Faint sunrise colours visible at 4^h. Stratus fog in thin sheet on hills to N. and E. in early morning. Broken cumulus on and over hills during the day.

April 9.—Thin stratus fog on hills again this morning, and thick haze mixed with smoke from burning heather in the valleys during the day. The haze seemed to be higher than the level of Ben Nevis; it showed above the horizon.

Brown	Broken cum. over hills also to-day. Faint
Blue	upper glow at 5^h. At 8^h, 9^h, and 10^h colours
Creamy white	above haze to N.W., as noted in margin.
Haze	The brown extended almost all round the
Horizon	horizon.

April 10.—Thick haze in valleys all day, but hill tops showing clear above it. The snow at the first gorge was found to be overhanging the edge of the cliff by 214 inches.

April 11.—No fog in valleys, but very thick haze; in the afternoon and at night the haze was higher, so that the hills round could scarcely be seen through it.

April 12.—At 5^h faint upper glow to eastward, and earth shadow to westward about 10° high; sky above it of a reddish colour. Brown colour under sun at 6^h and 7^h. Detached cumulus lay among and on the top of the haze all to-day. Cum.-fog rising rapidly out of Glen Nevis, and vanishing at 11^h. At 18^h bright spot on each side of sun like mock suns, but no trace of halo. Radius, 21° 48′. Before 19^h thin fog was brushing across the top. At midnight the upper half of the dry bulb was covered with small crystals of ice, while the bottom was quite clear.

April 13.—At 5^h earth shadow seen to westward topped by a brownish red glow; also faint pink upper glow to eastward. At 19^h bright red colour in valleys to westward, with at times gaps in it due to cloud shadows. Clouds forming above Glen Nevis at above 4600 feet height, indicating ascending currents. At 20^h fog all round.

April 14.—At 13^h a cum.-cloud lying 35° S.W. of sun was seen to be very green on side next sun, and slightly pink on the further side. No brown colour under sun to-day, but haze mixed with smoke from burning heather in the valleys all day.

April 15.—Very small fine snow falling most of the day, too little to affect gauge.

April 16.—Aurora, single arch, no streamers, seen at midnight.

April 18.—Fog crystals forming all day, very hard and icy at night.

April 19.—Thermometer box shifted at 19^h 15^m.

April 24.—The snow which fell to-day was mostly large and rather hard—often conical in shape; the drift, therefore, did not rise high, though the top was thickly covered with soft fresh snow.

April 25.—Heavy shower of hard conical snow at about 14^h 15^m.

April 28.—Heavy masses of cumulus round Ben Nevis and over the surrounding hills all day. Thermometer box shifted at 10^h 30^m. About a dozen peals of thunder heard between 17^h 25^m and 18^h 20^m. No lightning seen, but at from 35 to 40 seconds before most of them earth currents moved the needle of telegraph instrument.

April 29.—Sky well covered with loose detached cumulus and cirro-cumulus all day. At 9^h these clouds were observed to be coloured red, green, and blue, when passing near or over the sun; one cir.-cum. cloud lying a little below the sun was red in its centre and blue all round towards its edges. At 17^h there were two layers of cir.-cum., the upper moving from W.N.W. and the lower apparently from S.W. The cumulus or "lower clouds" were at the same time moving from N.E. Sun set at about 20^h 5^m behind the hills of Skye; horizon to N.W. rather hazy.

April 30.—All lochs almost perfectly calm all morning. Sky cloudy during the day, but air very clear underneath, and especially to W. and S.W. except when loose cumulus-fog rose from the glens near Ben Nevis.

May 1.—At 4^h faint upper glow seen to north-eastward. At 11 there was both cirrus and cir.-cum. in the sky, the former being much higher than the latter, also a trace of a halo. At the same hour fog lay over all the hills round, and occasionally passed across Ben Nevis. Dark heavy bank of cumulus, with a clear streak below it, to westward all night.

May 2.—At 10^h the dry bulb had fog crystals on its windward (or south) side, and a film of ice on the north side; while the wet bulb had no crystals on south side, but on the north side had long loose ones. (? Eddy of wind in box.)

May 3.—Solar corona at 10^h; colours as in margin; no measurements got. Haze in valleys and cum. over hills all morning, but air clear.

Red
Blue
Red
Yellow
White

May 4.—The snow which fell this evening was soft and in large flakes.

May 5.—This morning the fog crystals were slightly brown in colour. Loose cumulus fog rising all round in the middle of the day, and very dark haze in the valleys towards evening.

May 6.—Fog crystals brown in morning. Very dark haze almost hiding the nearest hills in afternoon.

May 7.—This afternoon the depth of snow at the first gorge was found to be 76 inches. The snow in the gorge overhangs the edge by 243 inches.

May 11.—Thermometer box shifted at 9^h 25^m.

May 12.—At 3^h low strips of fog in valleys to northward.

May 13.—At 8^h fog was rising from Glen Nevis, and getting blown away by the north wind. At 11^h pink coloured cloud, with upper part under sun coloured as in margin. Length of cloud, 103°; breadth, 6° 30′; radius of green (only distinct line of colour), 12° 36′. Cloud vanished suddenly, leaving a halo on cirrus much higher up. Shortly afterwards the halo got more distinct; it had inside it another ring, as in fig. 14. The outer ring was a distinct halo, with red inside and blue out; radius of red, 22° 12′. The inner ring had a faint trace of red inside; radius of this red, 17° 54′. By 11^h 15^m all had disappeared. Coloured clouds were seen again several times during the day; and at 17^h a halo was again observed. The following measurements were got:—Radius of red, 21° 54′ and 22° 12′; yellowish green, 23° 17′ and 23° 17′;

Blue
Green
Red

blue, 24° 28′ and 24° 13′. No trace of an inner ring was visible.

May 15.—Cum.-fog round Ben Nevis in forenoon, and cum.-clouds overhead in afternoon.

May 16.—At $0^h\ 7^m$ the thermometer box was put one stage down on ladder-stand. Haze round horizon all day, often rising so as to form cloudy patches, with clear sky under them.

May 18.—At 8^h hard conical-shaped snow falling. At night the snow was soft, and in large flakes.

May 22.—Thermometer box shifted at $15^h\ 15^m$. The northern horizon was faintly red all night.

May 23.—At 3^h low fog was lying over Loch Eil.

May 26.—Faint solar halo seen at 12^h and 13^h. Snow almost gone off hills round. At 4^h two strangers with a horse came up. This is the first horse up this year.

May 27.—Solar halo seen at 11^h; colours strong, red inside and blue outside; but ring very broad, and edges badly defined. The view to S. and E. was very clear in afternoon, but haze formed there at night. Dense cumulus fog hid all the hills to northward at night; it extended to at least 4000 feet. To-day William Stewart and J. Rankin came up with two horses with stores, for the first time this year; the horses came right up to the Observatory over the snow.

May 28.—The air was so dry that the wet bulb had to be moistened a few minutes before every hour till 9^h; it did not remain frozen more than 10 minutes at a time. Dense fog lay over the northward and eastward hills till noon, when it broke up and disappeared. It gathered again in the same manner in the evening. The moon (6 days old) was visible all afternoon.

May 29.—At 3^h a distinct upper glow was seen to north-eastward. No unusual colours were seen round the sun during the day. Fog on hills round all day, except for a few hours in the afternoon.

May 30.—At $0^h\ 5^m$ thermometer box was shifted one stage down on ladder-stand. Continuous fog over all the lower hills till 10^h, after which it began to break up and rise as cumulus. Upper-glow seen at 3^h. Horizon and valleys hazy all day.

May 31.—Low fog lay in the valleys till 8^h, after which it broke up, and cumulus clouds formed. Thick haze round the horizon all day, and at night heavy clouds above and mingling with it.

June 2.—Low fog in valleys to N. and N.E. in early morning, especially over Loch Oich. A faint solar halo was seen at 17^h.

June 3.—In early morning str.-fog on Moor of Rannoch and in valleys among the hills to N.W. It cleared off about 9^h. Solar halo seen at 11^h and 12^h. At 11^h radius of red, 22° 18′; blue, 22° 43′. At 12^h solar halo was observed, red inside and blue out, colours bright. Outside this halo on the S.E. side was a segment, coloured red inside, that appeared to cut into the halo, but did not extend inside it (see fig. 15). Radius of inner red, 22° 18′ and 22° 0′; outer red at furthest point from sun, 25° 28′. At $15^h\ 10^m$ dry and wet were put out in large box 35 inches above snow. Double readings were taken till midnight, but the small box values were entered on the daily sheet.

June 4.—The dry and wet bulb entries on daily sheet are now taken from the instruments in the large box.

June 5.—Loose cum.-fog hanging about all afternoon.

June 10.—A faint glory was seen on the fog to S.W. at 4^h; no measurements got. Fog on hills to 4000 feet in early morning. About 6^h this fog rose above the level of Ben Nevis, but it was dry and no rain fell.

June 13.—At 23^h the mist broke overhead, and at midnight sky was clear, and fog over hills to S. and E. Northern sky green, with filmy cirrus above.

June 16.—After sunset and during the night the northern horizon, and the lower surface of the cir.-cum. clouds on the sky, were both dark red in colour.

June 18.—At 6^h and 7^h the sky was overcast, with a heavy thunder cloud. Thunder and lightning were noted at $6^h\ 27^m$, and thunder at $6^h\ 31^m$. Heavy rain fell while thunder-storm lasted. Dew formed on thermometer screens, black bulb, and Observatory roof at night.

June 20.—A segment of a solar halo was seen at 4^h and a full halo at 6^h. No measurements were obtained.

June 21.—A faint "foreglow" was seen at 3^h, and at same hour the earth shadow seen to westwards was topped by a belt of rosy colour, having streamer-like gaps therein.

June 22.—At 22^h pink afterglow observed. At midnight northern horizon red and green.

June 24.—At 3^h faint upper glow seen to N.E. and earth shadow to S.W. A faint afterglow was also seen at 22^h. At midnight N. horizon red and green, with pearly-white cirrus clouds above it.

June 25.—At 2^h a cloud bank was seen to southward, not far off, about 6° above horizon, of peculiar perpendicular columnar structure. Pink upper glow observed at 3^h, and a faint afterglow at 22^h. At 18^h a wasp was seen on roof. For the past few days large numbers of flies have been all about the hill top.

June 26.—At 1^h pearly-white cirrus to northward. In early morning str.-fog gathered in the valleys; it rose higher in the forenoon, and about noon broke up into cumulus and disappeared.

June 27.—In early morning str.-fog again in valleys; it gradually rose till it covered Ben Nevis as well as all the other hills. The stones of the hill top, however, were never wetted by this fog.

June 28.—Upper surface of fog layer was about the level of Ben Nevis all day, sometimes rising over it, but never sinking so low as to expose many of the other hills. At 20^h a glory was seen. Three rings, badly-defined and too fleeting to measure, but the middle ring was distinctly the brightest. Red outside in all rings. Pearly-white cirrus reaching to about 30° altitude at midnight to northward.

June 29.—Pink upper glow observed at 3^h. Fog-bow, occasionally double, observed at 5^h and at 6^h. Thick continuous fog over all the hills round in early morning. At 9^h this had risen above level of Ben Nevis, and continued so all day. At night it cleared to northward, and pearly cirrus at about 20° altitude was seen.

June 30.—At 3^h faint upper glow seen to north-eastward. Pink afterglow seen at 22^h. The fog cleared away gradually to-day, leaving only a general haziness in the valleys.

July 1.—At 3^h faint upper glow seen. Thick foggy-looking haze in the valleys all morning, rising into cum.-fog in the forenoon.

July 2.—Halo seen at 7^h; red inside; rather broad and faint. Seen again at 9^h and at 13^h.

July 6.—At 1^h bright pearly cirrus seen to northward. Underneath it at the northern horizon was dark roll-cum.

July 8.—Dark ugly-looking haze all round in afternoon.

July 16.—Heavy ugly-looking cumulus all round at night, though hill top and sky pretty clear. Clouds to northward quite dark, though horizon faintly red at midnight.

July 17.—No afterglow was observed after sunset, though the sky was quite clear. At night bright pearly cirrus to northward, height about 12°, highest to N.N.W. all night, not following the sun round.

July 18.—No upper glow before sunrise.

July 20.—Thick fog over the lower hills in evening. At 21 earth shadow seen to south-eastward. Up to midnight pearly cirrus seen to northward.

July 21.—At 10^h 50^m a double glory was observed from edge of cliff. The following measurements were got:—Radius of inner red, 1° 57′ 36″; 2° 1′ 12″; 1° 59′ 14″; radius of outer red, 3° 18′ 0″; 3° 19′ 30″. A double fog-bow was also seen at times; red inside inner bow and outside outer bow; the rest of the bows were white—no other colours. A solar halo was seen at 8^h; no measurements got. The fog on the lower hills gradually rose and covered Ben Nevis; at 9^h and 10^h it was about level with the top.

July 24.—Heavy showers of hail fell between 11^h 55^m and 12^h 10^m. The hail shower at 13^h came on from the south-westward. It was falling on the roof of the visitor's room about four seconds before any fell at the tower.

July 25.—A distinct shower of snow fell between 10^h and 11^h; a little was seen lying at 11^h.

July 31.—Rainbow seen at 18^h 45^m; double, primary bow the brightest. Radius of red of primary, 42° 48′ and 44° 17′; secondary, 53° 8′. Red outside primary and inside secondary. Measurements made from centre of shadow of observer's head.

Aug. 2.—Soft-looking fog over all hills round at night. Northern horizon bright at midnight.

Aug. 3.—Between 4^h and sunrise (4^h 25^m) the earth shadow was visible. Thick fog over hills to 3000 or 4000 feet till about 10^h; after which it broke up gradually, first clearing away to northward. At 10^h a butterfly flew over the roof. At 21^h a faint upper glow was seen; the N. and N.W. horizon remained red till after 23^h. To-day the repaired Robinson anemometer was set up.

Aug. 4.—Haze and low fog in valleys in early morning. Cum.-fog all round during the day, and haze in valleys again at night.

Aug. 5.—Trace of halo seen at 12^h. Very thick haze all round most of the day and at night.

Aug. 10.—At 1^h Robinson anemometer was tied up, but it was set going again at 7^h.

Aug. 16.—No fog in valleys all day, but cumulus and cum.-fog hanging about hill tops, which at 19^h surrounded Ben Nevis except to southward, where there was haze. At 20^h 45^m afterglow seen to N.W.

Aug. 17.—Low fog gathered in the valleys to northward between 2^h and sunrise; about 5^h it had risen to the level of the hill top, and the rest of the day was misty. Glory seen at 5^h 7^m. Single ring badly defined, with occasional traces of second outer ring. Radius of red (two measurements), 3° 42′ and 3° 52′.

Aug. 19.—Glories seen about 9^h 40^m. Two circles distinct and two others outside these indistinct. Red outside in all. The colour next the shadow was yellow; between its red and red^2 was violet, and between red^2 and red^3 green. No measurements got. A fog-bow was seen at 9^h 45^m, with glory inside it round shadow. At 10^h 22^m another glory seen at cliff. Red outside radius, 2° 36′. The violet was a deep band reaching nearly if not quite to the shadow. Two other measurements of different glories about the same time gave for radius of red, 3° 4′ and 3° 13′. Misty glories were seen at various times during the day. A rainbow was seen at 19^h. Flashes of lightning were observed far to southward at 22^h 4^m and at about 22^h 30^m.

Aug. 20.—At 3 low-lying fog over lochs and rivers to northward. Fog gradually gathered on the hills round, and by 6^h covered Ben Nevis.

Aug. 21.—Glory seen at about 9^h 30^m; colours as in fig. 16. Yellow^1 and red^1 faint; yellow^2 and red^2 very distinct. In 2 no green and in 3 no blue (or only faint traces in both cases). In ring 3 the green and red were the most distinct colours, yellow barely visible. When clouds or fog blew up the corrie where the glory was seen the colours got blurred and indistinct. The following measurements were taken:—Radius of yellow^2 (inside), 2° 36′ and 2° 32′; junction of yellow^2 and red^2, 3° 15′ and 3° 29′; red^2 (outside), 4° 25′ and 4° 18′; red^3 (outside), 7° 30′; green (inside?), 6° 48′. At 20^h faint afterglow observed.

Aug. 23.—At 5^h 20^m glory seen from window in tower door. Two and three circles seen, red outside in each. No measurements got.

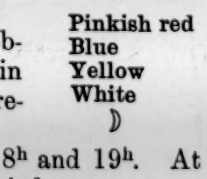
Aug. 28.—At 14^h a rainbow was seen.

Aug. 31.—A shower of hail fell between 14^h and 15^h. Thunder was noted at 16^h 9^m, and again at 17^h 0^m; no lightning seen.

Sept. 1.—At 22^h an ill-defined white lunar halo was observed.

Sept. 2.—At 18^h 45^m part of a rainbow was observed to east-south-eastward.

Sept. 4.—At 4^h a lunar corona was observed, arrangement of colours as shown in margin. It was too fleeting for measurements to be obtained.



Sept. 6.—Snow and sleet fell between 18^h and 19^h. At midnight the Robinson anemometer was tied up.

Sept. 7.—At 5^h a lunar corona was seen. At 10^h the mist cleared off summit, but lay in valleys and on hills around till 13^h, after which it rose and formed into cumulus clouds overhead, leaving great "visibility" all round below.

Sept. 8.—A lunar corona was seen at 5^h, but no measurements were got. At 7^h the Robinson anemometer was untied, and for the rest of the day it went all right. Lightning was seen at 21^h.

Sept. 9.—The Robinson anemometer was tied up at 18^h 25^m. At 23^h St Elmo's fire was seen on the tips of the lightning rod and on the vane. Its appearance was accompanied by a very audible fizzing, not crackling, like the sound emitted by water on a hot iron plate. A little snow was falling at the time, and the wind was rather gusty. It was observed that the light was brightest when

the wind was strongest. At midnight the summit was white with snow.

Sept. 10.—Robinson anemometer was untied at noon.

Sept. 11.—Anemometer was tied at 16^h.

Sept. 12.—Heavy showers of snow fell this morning.

Sept. 14.—Anemometer untied at 8^h.

Sept. 15.—The summit was clear till 16^h, but fog-enveloped for the rest of the day. During the morning hours the lights of the S.W. coast lighthouses were easily seen. Robinson anemometer tied up at 20^h.

Sept. 16.—Between 3^h and 4^h this morning the zodiacal light was seen as a steel-grey glimmer extending from eastern horizon through the constellations Leo and Cancer, to the border of Gemini. At the same time a light, supposed to have been the glare of the Carron ironworks, was observed at the south-south-eastern horizon. Fog lay in valleys and on surrounding hills all day, rising in afternoon, and occasionally passing the summit. The anemometer was untied at 13^h.

Sept. 17.—Summit was clear after 6^h. The sky was cloudless after 19^h except for some thin stratus at 22^h. Fine pink afterglow observed from 18^h 45^m till 19^h 5^m. Ice formed on top of thermometer screen at 21^h and at midnight. A bright shooting-star was seen at 20^h 11^m.

Sept. 18.—At 3^h an aurora was seen low to northward with short and not very bright streamers. The zodiacal light was seen at 3^h 30^m. The summit was clear till 15^h, but thick fog lay on lower hills all around, which gradually rose, and enveloped summit after that hour. At 12^h and at 14^h 30^m glories were seen from edge of cliff to northward. At 13^h 30^m the following measurements were got :—

Shadow of Observer:	Red glow.	Inside of Red^1.	Red^1.	Outside of Red^1.	Blue.	Green.	Inside of Red^2.	Red^2.	Outside of Red^2.
	1° 12½′	2° 56′	3° 44′	4° 5½′	4° 23′	4° 43′	4° 56′	5° 34′	6° 24′
	...	...	3° 35′	3° 46′	...	...	5° 3′	...	6° 29′

A fog-bow was observed at same time, measuring 35° 16′.

Sept. 19.—The fog cleared off summit after 17^h, leaving thick fog in valleys all round and a cloudy sky. From 21^h till midnight the sky was cloudless. At 23^h a glimmering light was seen at northern horizon, probably auroral.

Sept. 20.—At 30^h zodiacal light was seen looking as bright as the milky way. Fog in valleys till 4^h, after that cum.-fog on hills till about noon, and thick haze in valleys all afternoon and at night. At about 18^h 45^m the afterglow was seen faintly.

Sept. 21.—Fog lying over and hiding all the lower hills round most of the day. On this glories were seen frequently. The following measurements were got at 7^h 10^m, colours as in fig. 16 :—Radius of red^2, 4° 18′; 3° 15′; 4° 18′; 3° 54′; $yellow^2$, 2° 59′; 3° 2′; 3° 4′; 2° 39′; $blue^2$, 2° 17′; 2° 21′; 2° 24′; 2° 12′. After 8^h the following measurements were taken, some from top of tower and some from edge of cliff. The glory appeared to vary in size as different parts of the fog drifted past.

	Tower.			Cliff.	
Radius of red^2,	3° 15′	3° 44′	3° 50′	4° 6′	3° 54′
,, $yellow^2$,	2° 37′	2° 47′	2° 58′	3° 2′	2° 47′
,, $blue^2$,	2° 2′	2° 0′	2° 13′	2° 19′	1° 58′
,, red^3,	...	...	...	6° 55′	...

The fog occasionally rose above the level of the hill top, causing in each case a rapid and considerable fall of temperature.

Sept. 22.—The fog thinned away into haze in the forenoon, and a few hill tops showed above it at times.

Sept. 23.—Thick haze in the valleys all day, mixed with cum.-fog in the afternoon. Heavy dew on the top of thermometer box, and on black bulb at 20^h, but nowhere else. Aurora seen at night; misty confused arch—no streamers.

Sept. 25.—Though the wet bulb read a few tenths lower than dry for a few hours this morning, the air was obviously saturated.

Sept. 28.—At 3^h aurora seen flashing in waves to northward; no well-defined arch and no streamers. At 6^h the "snow line" appeared to be between 2000 and 3000 feet. At 19^h a lunar aurora was observed occasionally, formed on scud.

Sept. 29.—At 23^h cumulus clouds all round at about level of top of Ben Nevis.

Sept. 30.—Dense masses of cumulus over all hills round, and occasionally on Ben Nevis; also during the day, but clearing at night. The earth shadow was seen after 18^h as the sun went down; it had been seen before sunrise on all clear days recently. A well-marked afterglow was seen at about 18^h 50^m.

Oct. 1.—Thick haze and str.-fog in valleys and over hills in early morning. Earth shadow seen at 6^h. Cum.-fog formed all round in forenoon, and gradually rose till at about 14^h it covered Ben Nevis.

Oct. 4.—The fog sank below the level of Ben Nevis in early morning, but continued to cover the other hills all day. When clearing a double lunar corona was observed. Measurements were got at 5^h, as noted in margin. Glories were also seen during the day on the fog to northward. The following measurements were got between 11^h and 12^h :—Five rings—radius of red^5, too faint; red^4, 6° 18′; red^3, 4° 37′; red^2, 2° 40′; red^1, 0° 52′ (about). The earth shadow and the afterglow were seen at 18^h. A lunar fog-bow was seen at 23^h, radius to inner edge (about) 38° 5′.

)
White
Yellow
Orange
2° 12′—Red
Violet
Blue
Green
Yellow
Orange
4° 34′—Red

Oct. 5.—At 1^h a few hill tops were showing through the fog. A lunar fog-bow was seen. At 2^h the fog had risen higher, and was beginning to blow across the hill top. A distinct lunar fog-bow was seen, with traces of faint second bow outside it. The following measurements of the inner bow were got :—Radius inside of bow, 35° 4′; outside of bow, 41° 0′. A similar fog-bow was seen at 3^h; there appeared to be a faint trace of red about the outer edge of the inner bow. On both these occasions a faint white patch of light was seen round the shadow of the observer's head, which was probably a lunar glory. The fog-bow was seen again, but without any glory, at 4^h and 5^h. The following measurements were made at 4^h :—Radius to inside of inner bow, 36° 3′; outside, 41° 0′.

Oct. 11.—At 2^h 10^m dry and wet were put out in small box on lowest stage of ladder-stand about 49 inches above ground. At and after 3^h the temperatures on the day's sheet are those of the small box.

Oct. 12.—The measurements of the amount of snow to-day are very doubtful, owing to drift.

Oct. 13.—The summit was enveloped in thin fog till 9^h;

was clear from 10^h till 13^h after which the fog came on again.

Oct. 14.—At 22° and 23° an aurora was observed. It had no streamers.

Oct. 15.—The fog cleared away at noon, but lay on surrounding hills, its upper surface being about on a level with the summit. On it, at 14^h, were observed a double fog-bow and glories, of which no measurements were obtained. A solar corona was seen at $14^h\ 10^m$, and again at $16^h\ 10^m$, triple each time. The following measurements were recorded :—

	$14^h\ 10^m$.			$16^h\ 10^m$.	
☉ Red[1]	Red[2]	Red[3]	☉ Red[1]	Red[2]	Red[3]
...	2° 20½′	...	2° 6′	3° 35′	...

Oct. 16.—After 4^h the fog rose and enveloped summit, but cleared down again after 16^h, leaving a clear top for the rest of the day. The air was very dry after 20^h. Robinson's anemometer was set agoing at 14^h, and worked well for the rest of the day.

Oct. 17.—The cum.-fog that lay in valleys in early morning gradually rose, and as mist began to pass the summit at 7^h completely enveloping it at 10^h. At 19^h Robinson had to be tied up.

Oct. 18.—Robinson was let loose at 9^h.

Oct. 19.—Robinson was tied up at 20^h.

Oct. 21.—The fog cleared away at 10^h, and the summit remained clear till midnight. Till 14^h the thermometer box and the thermometers had a coating of hard snow on them; after that hour they were cleared. A feeble aurora was clear at 22^h.

Oct. 23.—Mist and fog covered the summit all day except at 20^h and midnight. At the latter hour a faint glimmering light, probably auroral, was seen to northwards. At 9^m the anemometer (Robinson's) was tied up, having been working since 13^h yesterday.

Oct. 26.—Glazed-frost or a coating of ice formed on all exposed surfaces all forenoon. At 22^h the anemometer (Robinson's) was let loose.

Oct. 28.—A flash of lightning was seen at $1^h\ 7^m$, as the anemometer was being tied up. A very heavy shower of snow and snow-hail fell during a squall that began at $3^h\ 27^m$ and ended at $3^h\ 33^m$. At 4^h the rain-gauge recorded 0·335 inch.

Oct. 29.—At $1^h\ 5^m$ St Elmo's fire was seen in jets 3 to 4 inches long on every point on the top of the tower and on the top of the kitchen chimney. Owing to the number of jets on each cup of anemometer, this instrument was quite ablaze. On the kitchen chimney the jets on the top of the cowl were vertical, and those on the lower edge of same horizontal. The fizzing noise from the different places was very distinct. While standing on office roof watching the display, the observer felt an electric sensation at his temples, and the second assistant observed that his (the observer's) hair was glowing. While standing erect the sensation and glow lasted, but on bending down they always passed off. On raising the snow-axe a little above his head a jet 2 to 3 inches long shot out at the top. At $1^h\ 15^m$ the fire vanished from every place at the same instant. A shower of snow and snow-hail (conical) was falling at the time, and the wind was a variable S. to S.W. breeze—very flawy. (The measurements of length of jets were only roughly estimated; the jets on kitchen chimney varied from 3 to 6 inches approximately). At 19^h St Elmo's fire was again seen. At $21^h\ 25^m$ the thermometer (ladder-stand) box was shifted, the hinge of the box door having fouled, and the louvres being choked with hard snow.

Oct. 31.—From 16^h till 20^h the summit was clear. At 20^h a lunar corona was seen. At 23^h the rain-gauge was covered with drifted snow, and could not be found.

Nov. 1.—The rain-gauge was found at 5^h and brought in, and was not put out again till 19^h.

Nov. 2.—In afternoon it was observed that the snow crystals forming from the fog were slightly brown.

Nov. 3.—The rain-gauge was not shifted at 4^h, 5^h, and 6^h, owing to the heavy drifting at these hours.

Nov. 4.—At 1^h the summit cleared, leaving amount 5 of strato-cirrus on sky, which moved quickly from E.N.E., and retreated slowly towards N.W.; its southern limit was sharply defined. At $1^h\ 20^m$ the thermometer box was shifted. The road is now quite impracticable for horses.

Nov. 6.—At 1^h, 3^h, and 4^h a lunar halo was observed. At 4^h there were apparently four distinct cloud-strata, viz., beginning with the lowest:—1st, cumulus-fog on hills; 2nd, cumulo-stratus and scud moving quickly from eastward; 3rd, cirro-cumulus moving from (S.E.?) slowly; 4th, cirro-stratus pallium with halo moving from (S.S.E?).

Nov. 7.—The barometer was pumping wildly almost all day. The measurements of amount of snow to-day are very doubtful, owing to drift.

Nov. 9.—A lunar corona was seen at 4^h. The thermometer box was shifted after the 4^h observation; its height above the snow was not altered. Thin fog was passing the summit occasionally in the forenoon, but during the afternoon the summit was clear and the sky cloudless. An aurora was seen at night, faintly at 8^h and 9^h, but with well-defined streamers at midnight.

Nov. 10.—Fog was observed on eastern hills at 1^h, which gradually crept westwards till by 7^h all the surrounding hills were covered. From 7^h till 10^h it brushed past the summit at times, but after 10^h and for the rest of the day it enveloped the Ben, breaking, however, at times overhead, showing a clear blue sky above. As this fog came up to the Ben, the air temperature became very unsteady.

Nov. 11.—Fog on summit till 13^h, sinking thereafter to about 4000 feet, leaving Ben clear for the rest of the day. At 14^h a glory was seen on fog in the corrie to northwards. A pink afterglow was observed from $16^h\ 45^m$ till 17^h.

Nov. 12.—Fog began to blow over summit at 9^h, and settled thereon after 12^h. At 9^h a glory was observed, and measurements of its red rings were obtained, viz. :—

	(1).	(2).
Red[1], . . .	2° 46′	2° 53′
Red[2], . . .	4° 41½′	4° 31′
Red[3], . . .	...	...

From 20^h till 23^h the summit was clear, but the sky was overcast with thin stratus.

Nov. 13.—To-day began with a clear top, but an overcast sky of thin stratus. Fog came on at 4^h and lasted till 8^h, and was passing summit at times till 14^h. A fog-bow was seen at $11^h\ 20^m$ and a glory at 15^h. The following measurements of red rings of glory were obtained, viz.:—Red[1], 0° 53′; red[2], 1° 50′; and red[3], 3° 46′. An aurora was sun at 20^h, 22^h, and 23^h. At $22^h\ 20^m$ it broke up into

streamers. The black bulb was out till 16h, maximum registered, 99°·0. The thermometer-box was shifted at 10h 30m.

Nov. 14.—At 2h and 3h three of the lights of the west coast lighthouses could be seen. The sky, cloudless at 1h became overcast with stratus at 2h (through which the stars were dimly visible till 6h) and remained so till 15h, after which it rapidly cleared and was cloudless at 19h. Fog came on at 20h and enveloped summit till 23h but at midnight the summit was again clear and the sky cloudless, but fog covered the surrounding hills.

Nov. 15.—By 1h the fog that lay on the surrounding hills had disappeared. At 1h and 2h the west coast lights were visible. The sky was cloudless or almost so till noon, after which it became overcast, and remained so till 17h. At 18h it was again cloudless, but at 19h fog came on, and enveloped the summit for the rest of the day. Bright meteors with long trains were seen at the following times :—

1h 8m 30s, path from S.S.W., 30° altitude to S.W. 15° altitude.

1h 15m 15s, path from S.S.W., 40° almost parallel with above.

1h 17m 45s, path from S.S.W., 20° almost parallel with above.

1h 19m 0s, path from Mirach (Andromeda) to α Arietes.

1h 22m 0s, path from Rigel towards S.S.W., almost parallel to horizon.

1h 24m 0s, path from Sirius towards S.S.W., almost parallel to horizon.

1h 32m 30s, path from α Arietes to western horizon.

1h 33m 30s, path from (?) towards western horizon.

2h 5m 10s, path from S. 15° altitude to S.S.W., 5° altitude.

2h 11m 30s, path from S.E. by E., 12° altitude to S.S.E., 5° altitude.

2h 12m 0s, path from S.E. by E., 12° altitude to S.S.E., 5° altitude.

2h 17m 45s, path from low to southward inclining to horizon to S.S.W.

Nov. 18.—The record of the direction anemometer to-day is very doubtful till 15h, as the vane had been sheltered by the chimney and other instruments on the tower, which were all covered heavily with snow and ice. At 15h the vane was broadside to the wind. After that hour the snow was cleared away, and the vane worked all right for the rest of the day.

Nov. 20.—At 3h and 4h a pale light (probably auroral) was seen behind the clouds to northwards. At 4h 20m the thermometer box was shifted. At 8h a solar corona was seen. Radius of red[1], 4° 10½′, and of red[2], 6° 48′. At the same hour a few hexagonal starry snow crystals were falling. A glory was seen at 10h, having three well-defined colour-rings—red, green, and yellow. At 22h and 23h an aurora was seen. It had no streamers, had ill-defined boundaries, and was of uniform brightness.

Nov. 21.—At 18h and 19h an aurora was seen. No streamers were observed. At midnight dry and wet bulbs were 34 inches above snow.

Nov. 22.—Fog covered the hill top till 3h, and passed occasionally till 15h, but during the rest of the day the top was clear and the sky cloudless. At 21h and 23h an aurora was seen, at the former hour with streamers. The air was very dry at midnight, the humidity then being 19. At 22h 15m the thermometer box was shifted one step up on ladder-stand.

Nov. 23.—The sky was cloudless till 8 A.M., after which it became overcast or nearly so, and at 19h fog came on and enveloped hill top for the rest of the day. All morning and till 17h the air was very dry. At midnight the "fog"-crystals deposited seemed to be a mixture of icy crystals and snow (white) crystals. At 4h there was a trace of an aurora in northern sky.

Nov. 24.—From 7h till 13h "glazed frost" was forming on all exposed surfaces. Hard dry conical snow was falling at night. At 22h it was observed that the fog at times had a misty feel.

Nov. 25.—St Elmo's fire was seen faintly at 4h for only about half a minute, and again at 4h 35m brightly, and for some minutes. At 1h 59m there was a "dot" signal in telegraph instrument (current *down* the line), and at 4h 9m a "dash" signal (current *up* the line). The wind was very variable to-day. Heavy rain began to fall after 23h.

Nov. 27.—Top was clear at 16h and 17h, and again after 22h. At midnight a lunar halo was seen, having a trace of red inside at part nearest zenith only. Radius of inner edge per stephanome was 21° 2′, and of the middle or brightest part 22° 36′, 22° 24′, 21° 48′. At 20h a hare's tracks were seen on the snow at the thermometer box.

Nov. 28.—The thermometer box was shifted at 0h 30m. Fog came on at 4h, and fine snow began to fall in needle-shaped crystals. At 22h it was clear at times, and a corona was observed, and a halo was seen faintly through the fog. The following measurements of radii of colours in corona were obtained by stephanome, viz. :—

Order of Colours.	Radii of Inside.	Radii of Outside.	Radii of Middle.
Moon.			
White, . .	...	...	...
Yellow, . .	0° 56′	1° 36	...
Violet, . .	...	...	2° 5′
Blue, . .	...	...	...
Red, . .	2° 42′	3° 35′	...

A hare's tracks were again seen to-day at 4h on snow at rain-gauge.

Nov. 29.—The fog cleared off hill top at 8h, but lay in detached masses on lower hills and in valleys more or less all day. From 15h 10m to 15h 20m a solar corona was observed, and the following stephanomic measurements were obtained, viz.:—

☉ White. Yellowish Red. Blue. Green. Red. Blue. Green. Red. Blue. Red.

2° 3′ 3° 26′ 3° 44′ 4° 2′ 6° 12′ 9° 41

Triple lunar coronæ were seen at 18h 10m and again at 23h 15m. The following measurements were obtained at 22h 15m per stephanome, viz.:—

☽ White. Yellowish Red[1]. Violet. Blue. Red[2]. Violet. Blue. Red[3].

1° 50′ 2° 42′ 5° 0′

At times the white space about ☽ widened, making the corona a double one only red[2] (2° 42′) being then the first coloured ring from the moon.

Nov. 30.—At 0h 5m a strato-cirrus cloud layer was seen to northward lying N.E. and S.W. and advancing

from north-westward; its advancing edge was then rather less than 20° above horizon. A few straggling pieces of cirro-cum. were here and there on sky, also moving from north-westward. At 0m 10h, and while the advancing edge of cloud stratum was still 41° 39′ per stephanome, to westward or north-westward of moon, a halo began to form about halfway between moon and cloud. A spot in the halo brighter than the rest of it was apparently a faint mock moon. To this spot the radius was 23° 58′ per stephanome. The following notes were taken of progress of cloud, &c. :—0h 15m, halo complete. Cloud just entering western side of halo. Radius per stephanome, 23° 3′. 0h 19m edge of cloud at zenith and at moon; halo gone. No trace of corona on cloud. Moon shining pretty strongly through. 0h 35m, halo faintly visible. White beams radiating from moon, some of them reaching halo. Cloud of uniform thickness; no appearance of anything to cause beams or breaks in moonlight. 0h 46m, a uniform pallium of stratus-like cloud much lower than before 0h 35m with corona, which has white core, and yellowish red border; extreme outside measuring from moon, 2° 13′. All appearances of halo gone. 0h 50m, shadow of eastern edge of cloud now at west end of Loch Laggan (unbroken moonlight to eastward of that), and cloud touching (apparently) the hills at Corran and Glencoe. 0h 55m, lower surface of cloud just at Ben (no view to westward now) and beginning to brush top. Moon still visible, with corona as observed already; cloud still of uniform texture. Fog on at 1h. Temperature rising rapidly all forenoon; and at 10h the fog changed to mist, and glazed frost was forming till at 21h the temperature had risen above 32°. Heavy rain falling at night.

Dec. 3.—Robinson was let loose at 22h last night, but was tied up at 4h to-day, as it was observed that one cup-arm was broken at shoulder, and was only held on by the metal stay from top of instrument. Cause of breakage unknown.

Dec. 5.—At 3h it was difficult to tell whether the cloud enveloping summit was mist or fog, so "mist or fog" has been entered at that hour on daily sheet. The vane was frozen inside its supporting pillar all day.

Dec. 6.—The outside part of the 3h observation was 3 minutes late, owing to lamp having been blown out. The measurements of snow to-day are very doubtful, owing to drift.

Dec. 7.—St Elmo's fire was seen at 1h on all points on tower and on observer's hat and pencil, but not on kitchen chimney; snow and snow-hail (conical) were falling heavily at the time.

Dec. 8.—Top and sky cleared a little in forenoon. At 7h a corona was seen on passing fog. At 16h the rain-gauge was buried in a snow wreath; it was taken in, and was not put out again till 20h, owing to the heavy drift. At 22h 30m the thermometer box was shifted, and the fresh one was put one step higher on the ladder-stand than the other had been.

Dec. 9.—Top was clear at 4h and 5h, and again mostly all afternoon. At 15h, 16h, and 17h, when the observed wind direction was N.N.E., the stratus or cumulus clouds immediately overhead were moving from N.N.W.

Dec. 10.—At 22h 5m a large red pear-shaped meteor was seen to northward about 5° above level of Ben top moving westwards slowly. It was seen through thin fog.

Dec. 11.—At about 3h 5m a very bright meteor was seen. It started from about zenith, and vanished at W. end of Orion's belt. It increased rapidly, and just before bursting or vanishing was at its brightest, showing blue and green colour circles. It was seen for about 1½ secs. It brighted up the Ben top and hills to southward; no noise heard. After 10h the thermometer box was shifted.

Dec. 12.—Storm all afternoon. After 20h there was no gauge out, but apparently no snow fell.

Dec. 13.—Storm continued all morning. At 9h it was found that ozone test had been blown away. At 2h 50m vane began to spin round at a great rate, owing to having been partially sheltered by the snow on chimney and the other instruments on tower. The rain-gauge was not put out till 7h, but apparently no snow fell till then.

Dec. 14.—The snow was drifting very much in early morning, consequently the amounts on sheet are rather doubtful. Somewhat stormy in afternoon.

Dec. 15.—Shifted thermometer box at 1h 30m. Sky was cloudless till 6h, fog after that till 11h, cloudy sky till 14h, and fog for the rest of the day. At 14h low stratus-fog on south-western and western hills clinging to hills; shortly after 14h this fog developed into cum.-fog, and came rapidly eastward enveloping Ben at 14h 35m. The upper sky was overcast with cirro-cum., and midway between upper and lower strata a few dark long detached cum.-str. clouds were observed. The air temperature as the fog began to pass Ben was 23° 0′.

Dec. 16.—St Elmo's fire was seen at 20h and 22h, at the latter hour on observer only. At 22h and 23h there was a misty feel in the air at times, and an icy cake was observed on rain-gauge, thermometer box, and other exposed surfaces.

Dec. 17.—Wind very variable and squally all forenoon, and snow drifting a good deal, rendering the measurements of amount obtained rather doubtful. The top was clear for about an hour at mid-day, but sky was cloudy with str. and cum.-str.

Dec. 18.—The fog cleared away after 11h, and the summit was clear till 19h, after which fog came on again. In afternoon the western and south-western horizon was rather wild-looking with cir. and cum.-str. clouds, and there was low str.-fog clinging to hills. After the 12h observation the thermometer box was shifted; the fresh one was put one step higher (the last step) on ladder-stand than the other had been. A pink afterglow and the earth shadow were seen at 16h, both well defined.

Dec. 20.—The wind was very squally and variable to-day, and the barometer was pumping heavily mostly all day. Hard icy drift blown from the cliff, and falling in gauge made the measurements of snow amount worthless; but as it was believed that snow was falling in early morning, ·060 inch has been allowed in total fall for day.

Dec. 21.—Top was clear after 11h, but fog was hanging around Ben and thin stratus covered sky. In afternoon it was observed that the country was snow-clad to sea-level. At each observation after 20h an aurora was seen to northward; at 22h only a small part of it could be seen between clouds and horizon, but this part was very bright, flashing with red, yellow, and blue colours, the flashes moving from E. to W. After 20h, the thermometer box was shifted. A lunar corona was seen at 21h and 22h, but no measurements were obtained; at 22h the order of

colours were—), green, yellow, red. Sky was cloudless at midnight.

Dec. 22.—Aurora seen at 1^h, with bright horizontal streaks. Top of aurora was about 10° altitude, and was not well defined, but thinned off into the general tint of the sky; at the same time the horizon to northward and north-westwards was very dark. The top continued clear and the sky cloudless till 3^h. At 2^h the south-western lights were visible, and at same hour stratus streaks were seen low to N.W., lying N.E. and S.W. Fog came on at 4^h, changed to mist at 15^h, and cleared away at 22^h. Glazed frost was forming in afternoon. A lunar corona was seen at 23^h. At midnight fog covered the hills around to 4000 feet, leaving Ben alone clear; at same hour sky was cloudless. All afternoon the thermometer box was rather badly choked with ice.

Dec. 23.—The thermometer box was shifted at $0^h\ 25^m$. The summit was clear till 11^h. The air was very dry in early morning, the humidity at 4^h being only 10 per cent. Glazed frost formed heavily and rapidly from a very wet mist which prevailed all afternoon. The thermometer box got so heavily encrusted that at 17^h there was difficulty in opening it, and the readings of the dry and wet were 7^m late in consequence.

Dec. 24.—The top cleared at 15^h, and from then till 23^h the sky (except for a little cir. at 22^h) was cloudless. At 19^h, 20^h, and 21^h there was neither fog below nor cloud above, but at 22^h there was fog all round, except to southward, on hills to about the level of summit, occasionally passing summit, and causing coronæ, of which the following measurements per stephanome were obtained:—

	Red[1].	Red[2].	Red[3].
1st set,	1° 20′ 30″	2° 47′ 0″	4° 25′ 0″
2nd set,	1° 27′ 0″	2° 37′ 0″	4° 0′ 30″

Triple coronæ were also seen at 23^h, but were too fleeting to measure. At 16^h the earth shadow was seen, sharply defined, topped by a belt of rosy colour rising to eastward to about 20° alt. At same hour the sunset colours to westward were red, at horizon sickly green to about 20° alt., and pink afterglow above this to 45° alt. The thermometer box was shifted at 15^h. Fog-bows were seen at 22^h and midnight.

Dec. 25.—The top was clear from 18^h to 21^h, but fog lay in detached masses on hills around. The sky was cloudless at 18^h and 19^h, but cloudy afterwards, and coronæ were seen at 20^h and 21^h. Needle-shaped snow crystals were falling at 22^h and 23^h.

Dec. 26.—The fog cleared away after 6^h, and till 15^h the sky was cloudless, but there was a good deal of stratus-fog on the other hills all round. The top was covered in fog again from 16^h till 22^h, and at 23^h and midnight fog was passing at times. After 11^h the thermometer box was shifted. At 23^h and midnight coronæ were observed (double); at former hour following measurements were obtained:—Inner red, 5° 3′; and outer red, 9° 28′.

Dec. 27.—A double corona was first seen at 1^h and the following measurements per stephanome were obtained, viz.:—

	Inner Red.	Outer Red.
1st set,	4° 34′	8° 4′
2nd set,	4° 46′	8° 22′

The summit was clear till 19^h, but fog on after that. The thermometer box was shifted after 10^h. At 22^h a corona was observed, with white and red as only colours; measurements of outside of red gave 2° 6′ as radius.

Dec. 28.—Double and triple coronæ were seen at 3^h, 4^h, and 5^h, and fog-bows at 4^h and 5^h. At 3^h the extreme outer edge of the first red (*i.e.*, red nearest moon) was measured, with following result:—Radius on 1st red, 3° 31′; 2° 6′; 2° 6′; 3° 42′. At times the 2° 6′ red was the inner red in a double corona, in which the 3° 42′ red was the outer. Fog was on summit, or passing till 18^h, after which it sank, and gradually diminished in quantity till at 23^h and midnight there were only detached str.-fog pieces low to north and north-eastward.

Dec. 29.—At 1^h there was a little str.-fog to northward and eastward, but by 5^h there was fog all round, with very few breaks. After 7^h it began to rise as a whole, at 8^h it was passing eastern end of summit, and at 9^h it was passing generally, and the air (till then dry) was saturated. At 10^h the fog began to break up, the south-western hills clearing first; but after 14^h it began to close all round again, and from 18^h till midnight it was either on or passing the summit. At 7^h and 8^h cir. and cir.-str. clouds were seen at north-eastern horizon. From 13^h to 16^h the sky was almost covered with cirrus; but at 18^h and till midnight the upper sky was cloudless. The following measurements of the radii of red rings in lunar coronæ were obtained at night:—

	1st Red.	2nd Red.	3rd Red.	No. of Red Rings seen.	
20 hours,	1° 42′	3° 28′	5° 52′	3	
23 hours,	1° 55′	4° 20′	...	2	1st set.
	1° 54′	3° 25′	...	3	2nd ,,
	1° 44′	3° 15′	5° 0′	3	3rd ,,
Midnight	2° 24′	4° 13′	...	2	1st ,,
	2° 24′	3° 46′	..	2	2nd ,,
	1° 54′	2° 59′	5° 0′	3	3rd ,,

(measurements made in each case to extreme outside of red). When the corona was triple all the colours of spectrum were seen between red[1] and red[2], the blue usually brightest. The broken cup-arm of the Robinson anomometer was spliced after 14^h to-day.

Dec. 30.—Thin fog on summit till 4^h, after which it sank, remaining on hills for the rest of the day with its upper surface from 3000 to 4000 feet above sea-level. In the early morning the following measurements of radii of red rings in lunar coronæ were obtained per stephanome; the measurements were made to outside of red in each case, viz.:—

		1st Red.	2nd Red.	3rd Red.	4th Red.	No. of Red Rings seen.
1^h	1st set,	1° 43′	3° 13½′	4° 43′	6° 48′	4
	2nd ,,	1° 41′	3° 9′	...	...	3
	3rd ,,	1° 43′	2° 56′	5° 0′	...	3
	4th ,,	1° 44′	2° 52′	...	...	3
	5th ,,	1° 43′	3° 10½′	4° 56′	...	3
	6th ,,	1° 43′	3° 4′	4° 43′	...	3
2^h	1st set,	1° 33′	2° 47′	...	...	3
	2nd ,,	1° 22′	2° 30′	...	...	3
	3rd ,,	1° 49½′	2° 33′	3° 56′	...	4
	4th ,,	1° 21′	2° 33′	3° 46′	...	3
	5th ,,	1° 27½′	2° 39′	3° 58′	...	3
	6th ,,	1° 21½′	2° 27′	3° 38′	...	3
3^h	1st set,	1° 5′	2° 6′	...	...	3
	2nd ,,	1° 4′	2° 4′	...	...	3
	3rd ,,	1° 10′	2° 5′	3° 13½′	..	4
	4th ,,	1° 14′	2° 17½′	3° 12′	4° 37′	4
	5th ,,	1° 6′	2° 11′	3° 4′	...	3
4^h	1st set,	1° 36′	2° 43′	4° 5½′	...	4
	2nd ,,	0° 55½′	1° 51′	...	...	2
	3rd ,,	0° 56½′	1° 35′	2° 41′	...	4
	4th ,,	0° 56′	1° 42′	2° 51′	...	3

At 4^h fog-bow, radius inside, 37° 10′; outside, 40° 20′. The upper joint was put on ladder-stand at 15^h 15^m. The earth shadow was seen at 8^h 35^m and again at 16^h. A glory was seen as 10^h. At 16^h 30^m gaps (streamer-like) were observed in the pink afterglow that filled the western sky, small bits of cir.-str. were seen very near the western horizon at same time.

Dec. 31.—The summit was clear and sky cloudless till 2^h. At 3^h thin fog was passing, and at 4^h and for the rest of the day the summit was enveloped. During the forenoon there was a "misty feel" in the fog, and at 15^h, 16^h, and 17^h it was distinctly mist that enveloped the top, yet the temperature of the air was about 22°. At 3^h, 4^h, and 5^h coronæ were seen, and a fog-bow was noted at 7^h. At 3^h the following measurements of coronæ were obtained:—

	1st set.	2nd set.	3rd set.
Radius of first red,	1° 4½′	1° 2½′	0° 59½′
„ of second red,	2° 2′	...	...
„ of third red,	2° 50′	...	...

(measured to outside of red in each case.)

Instruments in use during 1887.

Barometers.—No. 1385 was in use during the whole of 1887. No. 1252, though not in use, was hanging in position ready for use at any time. The Barograph worked most of the year; the note anent its scale error on page 343 above is still applicable.

Thermometers.—As Dry and Wet, Nos. 192660, 192672, 192671, 192677, 50850, and 50852 were used (for makers see pages 334 and 343 above).

As Self-Registering.—Max. No. 117293, and Mins. 116918, 138545, 138533 were in use, the Max. and first Min. in "old clock box," and the other two in ladder-stand boxes.

Rain-Gauges.—Mr Omond's patterns of 5-inch Gauges were used, the deep-rimmed or the shallow-rimmed as the season and kind of precipitation required.

Anemometers.—For direction, Chrystal's Anemometer continued in use, and worked fairly well.

For Velocity.—After August 3 Robinson's Cup Anemometer was used when the weather permitted, *i.e.*, when it was not freezing. Till August 3 it was out of gear. When regeared (August 3) an arrangement of bevel pinions was put instead of upper flexible part of shaft that communicates revolutions to counter. About the beginning of December one of its arms was broken, but it was put in working order again before the end of that month.

Sunshine Recorder.—The repaired Sunshine Recorder (see p. 343) was used, and worked well.

Mr Omond's pattern of Chrystal's Hygrometer was used several times during the year, and worked satisfactorily; but it was broken in September, and since then it has been out of repair.

From June 4 till Oct. 11 the Thermometers in use were placed in the old clock box; for the rest of the year in small boxes on ladder-stand.

The depth of Snow was always measured at post A.

The measurements of Rainfall were several times interrupted, and often rendered unsatisfactory, by drifting; and the Ozone Tests were occasionally blown away and occasionally bleached.

With the above exceptions, the record for the year is continuous; though once or twice the observation, or part of it, was a few minutes late.

The Seismometer is still unsatisfactorily mounted (see p. 343). No results have been obtained from it during the year.

The Thermograph and Hair Hygrometer were not in use.

The Black Bulb *in vacuo* used was No. 186.

The Cosmic Dust Collector was out several times during the year.

For observing the rainband Hilger's pocket Spectroscope was used.

The permament staff of the Obvervatory consists of R. T. Omond, A. Rankin, J. Miller, and since Oct. 7, A. Drysdale.

From Aug. 3 till Sept. 21, Mr C. E. Gray acted as telegraph clerk at the Observatory.

Messrs William Hay, A. J. Herbertson, and J. Duncan took the places of some of the staff at various times.

ERRATA.

Page 13. Mean 12^h, *instead of* 5·083, *read* 5·038.
„ 43. Mean Midnight, *instead of* 5·692, *read* 5·685.
„ 202. Amount 17th, *instead of* 0·039, *read* 0·038.

APPENDIX II.

OBSERVATIONS MADE AT THE LOW LEVEL STATION

AT

FORT-WILLIAM.

LAT. N. 56° 48′. LONG. W. 5° 5′. HEIGHT ABOVE MEAN SEA-LEVEL, 36 FEET.

DECEMBER 1883.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	30·378	30·390	30·310	30·228	30·212	39·5	37·9	40·0	38·7	44·0	41·7	43·9	43·6	46·0	43·9	46·8	39·0	S	1·4	SW	4·0	7	8	10	·105	At 9h upper current NW.
2	·162	·164	·114	·048	29·984	42·5	39·9	41·4	39·4	41·9	39·8	42·8	40·9	43·0	42·0	46·8	41·3	W	3·0	SW	2·0	10	10	10	1·050	
3	29·629	29·622	29·510	29·658	·601	44·3	41·9	44·5	41·9	43·9	38·9	41·0	35·6	37·0	33·8	45·8	42·8	SW	4·0	W	3·0	7	5	10	·190	
4	·904	·910	30·018	30·117	30·178	38·5	36·9	37·5	36·0	40·0	37·4	37·1	35·7	39·0	36·9	45·6	36·7	ENE	0·5	NE	0·5	5	7	9	–	
5	30·234	30·286	·257	[·270]	·285	30·9	30·3	31·9	30·8	32·1	30·8	[33·0	31·5]	34·9	33·8	41·8	31·5	N	0·4	NE	0·3	6	3	1	–	
6	·415	·443	·499	·570	·600	33·4	32·3	33·7	32·6	37·2	35·0	33·7	31·8	30·9	29·8	40·4	31·2	E	0·5	NE	0	5	8	0	–	
7	·591	·602	·549	·505	[·478]	30·9	29·8	31·4	30·3	36·5	35·0	37·2	36·6	39·3	38·9	37·8	28·7	S	0·2	SW	0·2	8	8	9	·150	
8	·289	·280	·228	·170	·120	45·0	44·9	45·5	45·1	46·8	45·2	44·1	43·4	43·2	41·1	46·0	31·2	SW	0·2	SW	2·0	10	8	9	·510	
9	29·879	29·911	29·938	29·916	29·913	45·0	43·9	44·2	42·9	42·2	40·2	39·9	38·3	39·9	38·9	47·7	43·0	SW	1·0	SW	1·0	9	8	10	·355	
10	·544	·500	·329	·273	·232	40·5	38·9	41·0	39·9	45·2	44·7	45·0	43·3	42·5	40·9	44·8	39·8	SW	2·0	SW	1·5	10	9	9	·460	
11	·394	·440	·462	·177	28·773	40·0	36·9	39·5	36·3	40·0	37·4	37·4	36·4	44·2	41·9	[45·8]	39·4	WSW	2·0	SW	6·0	7	9	7	·900	Bar. falling quickly till midnight q^2 in early morning.
12	·524	·564	·724	·776	29·766	38·5	35·3	39·2	34·0	40·2	35·3	40·8	36·6	37·5	35·8	45·3	36·2	WSW	3·0	SW	1·0	7	8	10	1·040	
13	·329	·321	·381	·434	·427	51·1	49·9	52·1	49·9	51·1	46·2	44·8	43·5	44·0	41·9	52·5	36·7	W	3·0	SW	3·0	10	10	9	·335	
14	·289	·292	·269	·350	·289	41·2	39·4	41·3	38·9	39·0	37·4	36·7	35·5	40·0	38·9	53·7	41·0	SW	1·5	SW	5·0	9	10	10	·710	
15	·455	·455	·374	·388	·508	38·0	36·3	38·0	36·3	37·2	36·7	33·8	33·5	33·9	33·9	44·8	35·7	SW	1·0	NE	0·5	9	10	9	·070	
16	·989	30·024	30·211	30·385	30·437	34·4	32·8	35·1	32·8	35·1	32·8	37·0	33·8	34·8	32·6	39·0	33·7	NE	2·0	E	0·3	8	8	5	–	
17	30·569	·585	·562	·549	·497	31·9	30·3	32·7	31·1	32·7	31·1	35·9	33·8	38·0	37·4	37·8	31·9	SE	0·3	S	1·5	9	10	10	·040	
18	·279	·264	·181	·230	·269	42·5	41·9	43·2	42·9	48·2	47·9	47·3	46·8	43·0	39·9	43·4	29·2	SW	1·5	WSW	3·0	10	10	7	·170	
19	·220	·234	·134	·014	29·912	44·0	40·4	43·0	40·7	43·0	40·7	42·2	40·9	47·0	46·9	48·7	42·8	WSW	4·5	SW	3·0	8	10	10	·805	
20	29·798	29·794	29·757	29·732	·716	46·0	42·9	45·0	41·9	45·0	41·9	44·1	41·6	39·0	37·9	49·7	42·8	S	1·5	SW	1·0	6	9	8	·290	At 9h and 14h upper current W.
21	·452	·446	·459	[·450]	[·460]	44·5	43·4	44·5	42·4	44·5	42·4	42·2	40·0	[42·0	40·0]	45·8	39·0	S	4·0	[SW	2·0]	10	10	[10]	·586	
22	·434	·466	·412	·466	·490	39·8	39·7	38·7	38·4	38·7	38·4	40·5	40·1	38·0	36·9	46·8	40·3	S	0·5	S	1·5	10	10	10	·508	
23	·916	·982	30·157	30·163	30·142	33·9	32·6	37·0	35·3	36·0	34·6	37·5	35·8	39·0	37·7	41·8	33·7	SW	0·5	S	2·5	6	5	10	·555	
24	30·117	30·131	·215	·269	·303	46·0	45·9	46·0	45·9	51·1	49·9	49·1	48·7	48·6	47·9	46·8	35·7	SW	2·5	SW	2·5	10	8	10	·205	
25	·419	·422	·456	·440	·456	47·6	46·9	46·8	45·9	47·0	45·9	45·5	44·9	44·5	43·1	51·3	45·8	SW	1·0	SW	0·5	10	8	10	–	
26	·437	·443	·438	·439	·462	44·2	42·9	44·1	42·9	45·0	43·9	49·1	48·0	43·0	41·9	48·3	44·0	S	0·5	S	0·5	7	9	5	–	
27	·353	·361	·267	·202	·205	36·0	35·3	36·0	35·3	41·0	39·9	41·8	40·7	44·0	41·9	[50·9]	35·7	ENE	0·3	SW	0·5	9	9	9	·010	
28	·131	·131	·094	·072	·073	43·2	42·9	44·3	43·9	45·2	44·9	46·2	45·0	47·0	46·8	44·8	35·0	ESE	0·1	S	1·0	10	10	10	·550	
29	·036	·033	·008	·010	·181	48·1	47·9	48·6	47·9	49·1	47·7	46·7	46·0	41·0	40·1	50·7	45·8	S	0·5	SW	1·0	10	10	10	·165	
30	·471	·465	·513	·555	·585	35·0	34·1	33·1	32·3	33·8	33·0	30·9	29·9	29·9	28·8	50·5	34·0	E	0·2	E	0·5	0	0	0	–	∞ at 21h.
31	·605	·608	·608	·565	·558	29·2	28·8	29·9	28·8	32·1	31·3	29·9	29·4	29·9	29·8	34·3	28·9	E	0	ESE	0·2	2	1	0	-	
Means.	30·008	30·018	30·014	30·021	30·004	40·2	38·8	40·3	38·8	41·4	39·6	40·6	39·1	40·1	38·8	45·7	37·2		1·41		1·66	7·9	8·0	7·9	9·759	

JANUARY 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·437	30·433	30·353	30·285	30·273	32·4	31·8	32·4	31·8	37·0	34·8	35·4	33·3	33·1	31·8	33·8	28·6	ESE	0	E	0	1	2	6	·010	
2	·102	·104	·049	·031	·223	34·9	34·3	34·9	34·3	34·9	34·6	34·4	34·0	33·9	33·8	40·6	34·6	SE	0	E	0·5	10	10	10	·025	
3	29·917	29·913	29·953	29·975	·011	33·4	31·3	33·9	31·8	35·1	33·0	35·0	34·0	36·0	33·7	36·0	31·6	E	0·3	ENE	0·5	8	7	8	–	
4	·989	30·026	30·014	30·025	·012	44·0	39·9	43·5	39·9	43·2	40·5	43·5	40·5	44·0	41·1	45·8	34·9	S	2·5	SE	0·5	10	10	9	·250	
5	·632	29·577	29·445	29·303	29·258	50·6	47·4	51·1	49·7	50·1	47·2	49·1	46·9	46·4	45·4	51·7	41·6	S	1·0	SSW	6–7	10	9	10	1·700	
6	·295	·315	·394	·524	·615	46·0	44·4	45·5	43·7	45·5	44·1	45·5	42·9	46·0	42·1	52·7	41·6	S	2·5	SSW	3–4	10	10	9	·305	
7	·694	·708	·755	·872	·939	41·3	39·7	41·0	39·7	42·4	39·9	42·0	38·9	38·3	35·8	47·6	42·6	SSW	0·4	WSW	1·0	9	10	3	·170	
8	·722	·722	·756	·800	·773	42·8	42·4	43·0	42·9	48·6	46·9	46·0	42·9	47·6	46·9	43·8	37·6	SW	1·0	WSW	3·0	10	10	10	1·580	
8	·698	·728	·820	·906	·968	48·6	48·1	48·1	47·7	47·0	44·9	45·0	43·3	44·3	41·3	49·7	44·2	WSW	3·0	SSW	1·0	10	9	5	·865	
10	·852	·849	·864	·831	·754	45·5	44·4	45·5	43·7	44·8	43·4	41·5	40·9	43·8	40·9	49·0	45·4	WSW	2·5	WSW	3·0	9	8	9	·355	
11	·608	·644	·792	·972	30·105	36 5	35·8	37·5	33·8	39·1	36·9	40·0	37·1	42·0	37·1	47·9	35·6	WSW	2·0	WSW	1·0	7	9	3	·200	
12	30·289	30·320	30·330	30·328	·328	43·0	39·9	43·0	40·2	46·0	42·4	44·0	42·2	44·0	42·9	44·0	36·0	WSW	1·4	WSW	0·5	8	9	9	·020	
13	·278	·278	·270	·248	·234	44·5	42·9	44·3	42·9	44·5	43·4	44·6	43·6	45·9	44·9	46·8	43·8	SSW,	1·0	SW	1–2	8	6	10	·290	
14	·156	·170	·269	·333	·357	48·2	46·9	47·6	46·1	49·1	44·9	47·9	46·3	47·4	46·9	49·7	43·8	SW	1·0	WSW	1·0	9	9	10	–	
15	·469	·487	·497	·509	·527	47·0	45·9	47·0	45·9	49·3	48·4	48·5	47·4	48·6	46·9	49·9	47·0	S	0·5	S	0·5	10	10	9	·020	
16	·500	·509	·497	[·506]	·518	47·0	45·4	46·8	45·4	45·5	45·1	45·0	43·9	43·0	42·4	49·5	46·8	S	0·5	S	1·0	9	8	10	–	
17	·428	·428	·378	·394	·375	42·0	41·4	42·3	41·7	45·0	44·7	45·2	45·0	46·0	45·4	47·7	42·6	S	0·5	S	0·5	10	10	10	·080	
18	·331	·333	·322	·257	·234	46·2	45·1	46·8	45·4	47·3	45·1	48·1	44·9	45·0	44·7	47·3	42·0	SW	0·5	SW	1·5	10	8	10	·450	
19	·220	·300	·328	·242	·123	48·1	46·4	47·0	43·9	45·0	42·9	43·0	41·9	47·6	47·4	48·7	45·2	SW	1·5	SW	1·5	9	7	10	1·305	
20	29·973	·016	[·062]	[29·886]	29·766	45·0	41·9	45·2	41·7	45·9	44·7	45·0	44·6	41·3	40·1	50·7	41·4	SW	3·0	SW	3·4	8	10	10	·325	Tl² 8h to 9h.
21	30·128	·161	·081	·928	·724	44·5	40·4	43·0	40·1	44·5	42·9	46·3	45·4	47·6	46·9	47·7	39·6	SW	1·5	SW	3–4	8	9	10	1·400	
22	29·677	29·666	29·584	·930	·592	44·0	41·9	43·5	41·7	41·0	40·1	37·5	37·3	38·0	37·4	50·7	43·2	SW	0·5	SW	0·5	10	10	10	·395	
23	·289	·183	28·558	28·868	·096	39·5	38·4	40·5	39·7	41·0	39·4	41·0	37·7	38·1	37·6	44·8	37·4	SW	0	W	1·0	10	10	10	·830	Snow to 1000 feet.
24	·476	·492	29·536	29·430	·310	34·4	[32·3]	32·4	32·3	38·5	34·0	37·0	35·3	38·0	36·9	42·8	34·0	W	2·5	S	2·0	10	8	10	·490	Snow to Sea-level.
25	·026	·026	28·928	·051	·064	37·0	33·8	35·4	32·8	38·0	34·8	35·4	34·1	31·9	31·3	41·8	34·4	W	1·5	WSW	1·0	10	8	10	·400	T 8h to 9h.
26	28·858	28·813	·145	27·732	27·455	31·1	30·3	30·4	30·0	31·7	[31·3]	36·7	36·2	37·0	35·3	39·8	29·6	SW	0·5	E	0·5	10	10	10	1·120	26th.—From 17h 30m to midnight there was an almost dead calm. Wind then rose and at 3h on 27th would be from 60 to 70 miles, and at 6h 70 to 80—fell gradually.
27	·316	·324	·496	28·596	28·677	[35·0]	32·8	38·0	32·8	36·8	33·0	37·1	34·7	37·0	32·5	38·8	28·8	S	6·0	S	3·4	9	9	10	·330	
28	29·145	29·198	29·403	29·503	29·540	35·9	33·3	35·9	33·2	35·9	33·3	37·0	34·6	35·9	33·8	39·8	32·2	SW	0·5	S	0·5	5	9	10	·220	
29	·428	[·408]	·145	·253	·340	35·4	34·3	37·0	35·3	38·0	36·9	45·0	40·8	45·0	40·9	38·8	32·0	SE	0·5	S	2·0	10	10	6	·660	
30	·209	·238	·337	·406	·419	43·0	40·9	42·5	38·9	43·0	37·9	43·0	35·8	44·0	39·9	45·9	36·5	SW	2·0	S	2·3	6	5	10	·270	
31	·572	·571	·496	·446	·337	42·0	39·9	41·8	39·9	44·0	41·9	44·2	37·6	43·0	38·0	45·6	35·6	SW	1·0	E	0·3	10	7	9	·080	
Means.	29·765	29·772	29·737	29·754	29·740	41·6	39·8	41·5	39·6	42·5	40·4	42·2	40·1	41·9	40·1	45·1	38·4		1·34		1·58	8·8	8·6	8·9	14·645	

FEBRUARY 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0-10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·340	29·368	29·505	29·672	29·823	41·5	36·3	39·4	36·9	39·0	35·8	37·8	33·0	37·0	32·6	42·8	34·8	NE	2·0	NE	3·0	9	10	1	·020	
2	30·197	30·223	30·225	30·230	30·167	33·9	28·3	33·9	28·8	35·9	34·8	35·9	34·5	39·0	36·8	40·1	27·8	SE	0·3	W	2·5	0	5	9	·770	
3	·018	·044	·006	·012	29·996	47·0	45·4	46·0	45·4	48·1	45·9	48·1	45·9	48·1	46·5	46·3	28·8	SW	1·0	SW	2–3	10	10	10	·360	
4	·088	·112	·128	·024	30·033	45·9	44·9	46·0	43·7	46·0	45·9	46·0	45·9	47·0	46·7	49·7	44·4	WSW	0·3	SW	2·5	10	9	10	1·080	
5	·002	·020	·044	·016	·026	48·0	46·4	47·0	45·9	48·1	45·8	48·1	45·4	46·0	43·4	48·7	45·8	SW	1·0	SW	0·5	10	10	10	·305	
6	29·956	29·964	29·897	29·826	29·788	44·2	42·1	43·2	41·9	44·1	43·7	44·0	42·4	44·0	42·9	48·2	42·9	SW	0·3	SW	1·0	10	10	10	·320	
7	30·039	30·058	30·080	30·047	30·047	38·0	33·8	37·0	35·3	39·0	36·3	39·0	34·8	39·0	31·8	45·8	33·8	SW	0·3	SW	1·0	0	1	5	–	
8	29·786	29·778	29·610	29·495	29·413	38·0	34·3	38·0	34·6	41·0	39·4	45·0	42·4	44·0	41·9	40·8	32·8	SW	0·5	SW	0·5	9	10	10	·810	
9	28·926	28·934	28·782	28·690	28·702	48·1	45·9	48·1	46·3	49·1	45·9	49·1	43·4	47·0	[43·4]	48·7	[35·3]	SW	2·0	S	3·0	10	9	10	·710	
10	·706	·743	·710	·755	·860	43·0	36·3	42·0	36·0	41·0	33·8	35·2	34·8	39·0	38·6	50·7	36·9	SW	3·5	SSW	5–6	9	10	10	1·730	
11	29·105	29·141	29·221	29·316	29·370	37·0	32·3	34·9	33·8	37·6	35·3	37·3	35·8	39·0	37·1	40·9	34·8	SW	2–3	SW	1·0	10	7	5	·720	
12	·186	·211	·208	·225	·273	47·0	44·9	48·6	45·9	49·1	44·4	49·1	46·4	50·1	46·9	48·7	35·8	SW	2·5	SW	2·0	10	10	10	·495	
13	·477	·467	·518	·758	·868	48·1	42·7	48·5	44·8	47·0	44·4	45·7	41·4	44·0	39·9	50·0	41·9	SW	1·0	SE	0·5	10	10	10	·400	
14	·768	·842	30·141	30·210	30·242	48·1	43·9	47·0	43·9	45·0	42·4	44·0	37·9	39·0	34·8	51·0	39·1	SW	0·5	SE	0	10	7	0	·060	
15	30·194	30·204	·200	·214	·225	43·0	38·4	43·2	38·9	45·0	38·9	41·2	36·9	39·9	35·8	[48·7]	33·8	S	1·0	E	0	7	6	6	–	
16	·184	·186	·120	29·996	29·921	42·0	34·8	41·0	35·3	42·4	37·4	41·2	36·0	40·0	34·3	45·8	37·8	SSE	2·0	S	2·0	7	4	8	–	
17	29·954	29·939	29·963	·912	·866	39·0	35·3	40·5	36·6	41·0	37·7	41·0	37·9	40·0	36·9	43·1	37·8	SE	1·0	E	0·2	9	10	10	·225	
18	·818	·822	·762	·722	·700	42·0	38·9	42·0	38·9	44·5	40·7	44·4	38·3	[43·0	38·0]	43·8	38·3	NE	1·0	[NE	1·0]	9	9	[7]	–	
19	·654	·657	·611	·581	·553	43·0	35·8	42·2	36·9	45·0	41·1	44·2	40·1	43·0	39·9	45·8	40·1	S	1·0	SE	1·5	8	9	10	·150	
20	·420	·423	·366	·320	·158	43·2	41·4	43·2	39·9	45·5	40·3	43·0	39·9	43·0	38·9	46·0	40·9	SW	0·5	SE	0	0	10	10	1·130	
21	·168	·240	·338	·350	·357	38·5	35·8	38·0	35·8	41·0	35·8	40·2	34·8	[38·0	33·0]	48·7	36·8	SW	5·0	SW	0·5	7	10	3	·215	
22	·312	·328	·340	·364	·347	37·2	35·8	38·0	37·0	41·5	39·5	42·0	39·4	[42·0	40·0]	41·8	36·0	Calm,	0	[SW	0·3]	8	3	[5]	–	
23	·254	·262	·198	·222	·262	37·0	35·8	38·4	36·9	45·0	41·2	44·0	41·9	42·0	34·3	43·0	36·8	W	0	E	0·2	9	8	0	–	
24	·558	·565	·647	·670	·710	29·9	29·3	30·2	29·6	32·6	29·6	41·0	39·1	40·7	39·4	45·3	30·0	ESE	1·0	SSW	0·5	0	1	6	·065	
25	·790	·794	·835	·858	·906	37·2	36·9	36·9	36·4	44·0	40·4	42·0	36·9	41·0	34·8	44·8	30·8	E	0	NE	0·2	4	7	0	–	
26	·987	·991	·988	·990	30·024	39·0	34·3	38·0	35·8	44·0	39·4	44·0	35·8	32·8	31·1	45·8	36·3	SE	0·2	E	·2	3	8	0	–	
27	30·002	29·992	·978	·973	·002	31·4	28·8	30·9	29·8	41·0	36·3	38·9	34·3	39·8	35·8	45·3	39·8	S	0·1	SW	0·2	0	4	9	–	
28	·022	30·050	·992	·976	29·961	37·5	33·3	38·0	32·5	42·0	39·8	35·4	31·8	33·9	30·8	42·6	37·8	SW	1·0	SE	1·0	3	6	0	–	
29	29·922	29·907	·897	·910	·927	33·9	33·8	[35·4	33·8]	37·5	33·3	34·9	31·6	33·9	31·8	42·2	32·8	S	1·5	S	1·0	7	9	10	·472	
30																										
31																										
Means.	29·684	29·698	29·700	29·701	29·708	40·7	37·4	40·5	37·8	42·8	39·5	42·1	38·6	41·2	37·9	45·7	36·6		1·14		1·22	6·8	7·7	6·7	10·037	

MARCH 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·924	29·935	29·963	29·984	30·016	31·9	31·8	34·9	31·7	33·4	33·3	33·9	33·3	33·9	33·8	38·2	31·7	NE	0·2	Calm	0	10	10	10	·465	
2	30·060	30·060	30·041	30·000	29·941	39·0	35·3	39·3	35·8	42·5	37·9	39·1	34·8	38·8	34·3	39·8	33·5	SW	1·5	S	2·0	10	4	5	–	
3	29·603	29·565	29·393	29·410	·477	36·4	33·8	36·7	33·0	37·5	35·8	39·2	37·4	37·2	36·8	44·1	36·7	S	3·5	SW	1·0	10	10	9	·255	
4	·693	·716	·692	·687	·694	34·4	34·0	35·4	34·8	42·7	39·9	39·0	37·9	34·9	34·8	39·8	34·7	S	0·2	Calm,	0	10	9	0	·002	
5	·868	·892	·976	30·005	30·031	38·0	37·1	40·0	38·6	46·0	41·9	43·0	40·9	42·0	40·9	43·8	33·7	SW	0·2	SW	0·5	8	8	10	·030	
6	29·994	·965	·862	29·802	29·760	44·0	42·9	45·2	43·9	47·0	44·9	45·8	44·6	45·5	43·9	48·1	40·8	SW	0·2	SW	1·0	9	10	10	·415	
7	·660	·656	·715	·762	·766	45·0	43·9	45·0	43·9	46·5	44·9	44·0	42·7	41·0	40·1	49·7	44·8	SW	0·5	SW	0	10	9	10	·300	
8	·692	·672	·558	·437	·362	35·4	35·3	37·0	36·8	41·0	39·4	40·0	37·1	38·5	34·8	46·8	35·8	SE	0	SW	1·0	10	9	1	·310	
9	·297	·302	·287	·237	·113	37·0	35·3	37·2	35·8	44·2	39·9	41·0	37·2	41·0	37·4	44·3	35·6	SW	1·0	SW	2·5	5	7	9	·560	
10	·038	·051	·101	·131	·148	36·4	34·8	37·2	34·8	41·0	36·3	[35·5	32·7]	34·9	33·8	46·1	34·0	SW	1·0	SW	1·0	10	5	10	·050	
11	·318	·335	·326	·351	·364	29·9	28·8	30·9	29·8	42·0	35·8	40·5	39·1	40·0	35·8	41·8	29·2	SE	0·3	S	2·0	1	1	7	–	Snow to Sea Level.
12	·420	·438	·455	·475	·479	42·8	39·3	42·0	39·9	45·0	42·1	42·1	40·7	41·0	39·9	43·8	[30·7]	SW	0·3	SW	0·3	10	5	10	·330	
13	·590	·594	·597	·490	·521	44·2	42·1	47·0	43·9	50·1	47·9	49·5	47·9	51·1	47·9	47·0	40·8	SW	0·5	SW	4·0	9	10	10	·485	
14	·580	·588	·578	·602	·627	51·1	46·9	49·9	46·9	53·1	48·9	51·4	47·9	51·1	47·4	52·5	47·0	SW	3·0	SW	1·5	10	10	10	·044	
15	·784	·807	·800	·866	·893	47·3	46·2	49·2	47·7	51·3	47·2	49·3	46·4	48·1	46·2	55·6	46·9	SW	2·0	SW	0·5	9	10	9	·120	
16	·900	·894	·874	·880	·892	45·0	43·4	48·1	45·9	59·9	55·0	56·1	52·0	50·6	48·4	52·0	39·7	S	0·2	S	0·2	1	2	1	–	
17	·820	·820	·776	·795	·785	53·4	50·2	56·0	51·1	54·4	50·7	48·1	47·2	47·3	46·1	65·8	50·5	SW	0·5	SW	0·2	7	10	8	·270	
18	·621	·582	·471	·545	·615	46·5	44·4	46·2	44·7	46·2	44·9	45·2	41·9	42·0	39·9	[57·3]	46·0	SW	2·0	SW	3·0	10	10	7	·700	l. 20h and 21h.
19	·802	·805	·744	·554	·321	42·2	40·9	43·2	41·4	46·8	44·7	47·9	43·7	47·0	44·9	51·5	41·2	S	2·0	SW	1·0	7	7	10	·680	Strong wind in early morning.
20	·080	·180	·473	·534	·587	42·0	42·0	42·0	41·4	43·1	40·6	[42·9	39·3]	41·3	37·9	49·7	40·3	S	2·5	W	2·0	10	8	1	·270	
21	·876	·894	·922	·958	·973	38·5	36·8	40·9	38·1	45·4	39·9	44·8	39·9	37·3	35·1	46·4	39·0	W	1·2	N	0·3	8	9	0	·002	
22	30·008	·893	·863	·931	·984	41·0	40·7	42·0	41·9	44·0	43·9	44·0	40·2	42·0	37·9	47·6	37·2	SW	0·2	S	1·5	10	10	2	·100	
23	·084	30·092	30·102	30·112	30·143	41·8	39·9	41·8	40·1	48·3	43·9	45·0	43·9	43·2	42·0	45·8	39·7	SW	0·2	S	0·5	9	10	3	–	
24	·110	·112	·037	·013	·002	37·0	35·8	38·0	36·8	51·4	45·4	46·8	42·9	45·0	41·4	48·7	32·9	SE	0	SW	1·0	1	6	10	·130	
25	·076	·078	·110	·122	·148	44·0	43·4	44·2	43·7	46·5	45·2	45·9	44·9	45·0	43·9	52·7	38·2	SW	0	E	0	9	10	10	·030	
26	·257	·251	·238	·266	·284	38·0	36·1	41·2	37·9	49·1	42·9	44·2	40·2	40·2	37·1	47·8	37·9	S	0	S	0·5	1	2	8	–	
27	·310	·296	·261	·221	·226	38·2	36·6	40·2	37·7	42·5	37·7	41·3	38·0	37·0	33·8	51·3	37·9	S	0	S	1·0	8	9	0	–	
28	·204	·210	·154	·140	·151	31·9	30·8	35·1	33·6	45·0	39·2	42·7	37·9	39·2	37·9	45·1	28·9	E	0	S	0·2	3	7	10	–	
29	·101	·051	·034	29·998	29·954	38·2	36·8	39·8	37·4	44·0	40·2	41·8	38·9	40·5	37·9	45·7	35·9	WSW	0·2	S	0·5	8	7	9	–	
30	29·768	29·750	29·656	·554	·494	41·2	38·7	41·9	38·3	46·9	43·3	43·3	39·9	42·0	38·2	46·2	38·9	SW	2·0	NE	1·2	8	2	0	–	∞ at 21h.
31	·362	·346	·320	·344	·400	43·3	38·9	46·0	40·9	47·0	42·9	35·5	35·3	33·9	33·8	48·3	41·0	S	3·0	S	0	8	10	1	·230	Snow in afternoon.
Means.	29·771	29·769	29·754	29·749	29·747	40·5	38·8	41·7	39·6	45·9	42·5	43·5	40·9	41·7	39·5	47·8	38·1		0·92		0·98	7·7	7·6	6·5	5·778	

APRIL 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·302	29·321	29·436	29·444	29·454	41·2	39·4	44·0	40·9	49·9	45·7	49·8	43·9	46·0	41·9	48·7	29·7	SW	1·0	SW	1·0	9	6	5	·015	
2	·545	·555	·531	·560	·562	47·3	43·4	49·1	43·9	46·5	44·4	45·3	44·4	45·0	44·7	53·7	44·3	S	0·2	SW	0·2	10	10	3	·045	
3	·580	·591	·522	·492	·445	42·5	41·9	45·2	40·9	58·0	52·4	55·8	51·1	53·2	48·8	50·6	[35·7]	ENE	0·5	ENE	1·0	9	3	8	–	Sheet lightning 21h 30m.
4	·371	·388	·420	·427	·407	52·6	48·9	53·2	49·7	[50·0	47·0]	50·1	46·7	44·0	41·9	59·8	45·8	E	1·0	S	0·2	9	[5]	3	·070	
5	·175	·171	·162	·191	·194	50·1	43·9	48·3	44·3	49·4	46·9	48·3	44·5	48·1	42·9	59·6	44·8	ESE	2·3	S	0·2	8	9	3	·150	
6	·227	·235	·370	·470	·546	46·5	44·7	47·3	44·9	48·1	45·9	47·0	45·9	46·5	44·4	54·9	45·0	SW	0	SW	0·3	10	10	7	·150	
7	·604	·588	·537	·580	·620	44·0	41·7	50·1	45·7	56·3	50·1	50·1	48·1	46·0	44·9	51·7	37·7	SW	0	SW	0·2	4	5	7	–	
8	·873	·887	·958	·968	30·007	44·0	41·7	[45·1	40·7]	54·1	46·4	49·9	45·9	43·8	41·7	[61·8]	37·7	SW	1·0	ENE	0·5	3	2	0	–	
9	30·050	30·042	·982	30·013	·018	41·2	40·4	44·0	41·4	57·0	50·9	52·1	48·2	49·6	46·7	54·2	36·7	ENE	0·7	SW	0·3	0	10	1	–	∞ at 9h.
10	·038	·040	30·027	·028	·066	43·0	39·4	45·4	42·1	58·0	48·4	54·1	48·4	47·0	43·3	59·2	36·7	E	0	SW	0·3	3	1	10	–	
11	·053	·058	·070	·065	·117	46·0	43·9	46·5	44·9	48·4	44·9	47·0	41·9	37·5	35·1	58·8	39·3	E	2·0	E	1·5	9	9	0	·025	
12	·176	·168	·178	·178	·170	42·3	40·4	43·0	41·5	52·2	44·9	45·0	41·2	41·9	40·0	50·9	[34·7]	NNE	1·0	NW	1·0	9	4	8	–	
13	·260	·276	·270	·268	·316	43·0	40·9	45·0	41·7	52·0	45·7	47·5	43·7	41·8	39·9	52·9	39·8	NE	2·0	N	2·3	3	7	3	–	
14	·320	·310	·280	·265	·273	44·0	41·9	44·3	42·2	51·1	45·9	48·3	43·8	45·9	42·9	52·7	41·0	NE	2·0	N	1·0	5	5	9	–	
15	·142	·126	·050	·010	29·990	48·6	44·9	49·3	45·7	53·6	47·9	50·1	45·9	43·3	42·4	53·7	42·3	SE	0	S	0	9	6	9	·060	
16	29·944	29·942	29·978	·018	30·081	42·3	39·9	44·2	40·9	47·0	41·9	43·0	40·1	42·0	38·9	54·7	40·3	NE	2·0	NE	1·8	6	10	10	–	
17	30·204	30·214	30·226	·218	·236	42·2	39·4	43·0	39·9	47·3	41·9	45·8	40·1	37·0	33·8	48·7	36·2	NE	2·5	NE	0·5	3	8	0	–	Aurora 22h.
18	·136	·131	·036	29·976	29·952	38·0	35·0	39·0	35·6	46·5	40·4	44·8	40·1	44·0	40·1	50·7	33·9	NE	0·2	SW	1·0	10	10	10	·040	
19	29·922	29·928	29·902	·910	·934	44·5	41·9	46·0	43·2	52·4	46·2	49·0	47·9	45·3	42·7	47·5	[39·8]	SW	0·3	SE	0·5	6	5	10	·020	
20	·982	30·016	·912	·982	30·026	43·1	40·8	45·6	41·5	52·1	45·1	45·5	41·4	41·0	38·1	54·7	[39·8]	NNE	1·0	ENE	1·0	9	7	7	–	
21	30·057	·046	30·040	30·030	·054	43·8	40·4	43·2	40·7	48·2	43·0	46·1	42·0	45·0	40·7	55·2	40·3	SW	1·0	E	1·0	10	10	10	–	
22	·058	·036	·004	29·980	29·978	42·1	39·7	43·5	39·9	48·1	42·0	46·3	42·7	43·1	40·9	49·2	40·8	W	0	W	1·0	10	8	10	–	
23	29·936	29·910	29·906	·897	·902	43·9	40·7	44·3	40·9	45·8	41·9	44·5	40·9	42·0	39·7	49·7	40·8	S	1·5	S	1·5	10	10	9	–	
24	·884	·890	.896	·900	·918	43·0	39·7	43·8	40·8	45·0	40·9	45·3	41·7	43·0	39·7	48·3	41·3	NE	0	E	1·0	10	10	10	–	
25	·927	·932	·903	·870	·856	39·0	36·8	41·5	38·9	49·0	43·6	46·7	42·6	42·9	39·1	46·8	32·7	NE	0	SW	1·0	8	9	9	–	
26	·764	·750	·700	·710	·737	42·5	39·6	43·0	39·7	53·1	44·4	45·2	43·4	42·8	41·7	50·7	38·3	SW	0	ESE	0·3	4	3	10	·020	
27	·743	·750	·790	·862	·944	40·9	39·8	43·9	41·8	51·1	44·3	49·9	44·7	43·5	42·5	54·9	37·9	N	0·3	E	0·3	3	7	10	–	
28	30·046	30·030	·982	·928	·933	45·7	41·5	46·0	43·7	55·0	43·7	53·1	46·9	47·0	43·9	53·7	36·7	NE	0	WSW	0·5	2	3	9	·020	
29	29·834	29·808	·725	·627	·578	42·0	40·4	44·5	42·7	49·8	44·9	49·1	42·9	45·0	42·9	57·8	36·7	WSW	0·5	SW	2·3	7	7	9	–	∞ in early morning.
30	·455	·459	·555	·607	·648	42·5	40·9	42·8	40·9	48·0	42·6	48·0	42·6	41·2	40·9	51·7	41·8	SW	0·5	WSW	1·0	10	7	9	·465	
31																										
Means.	29·854	29·853	29·845	29·849	29·865	43·7	41·1	45·1	42·1	50·8	45·1	48·1	44·1	44·1	41·6	53·2	39·0		0·78		0·82	6·9	6·9	6·9	1·080	

MAY 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·292	29·202	29·246	29·258	29·256	43·5	41·9	46·0	43·9	40·9	38·4	40·8	38·7	40·0	37·9	49·9	41·3	SSW	3·0	WSW	1·0	10	10	10	9·075	
2	·282	·282	·259	·241	·262	45·3	40·9	44·5	41·4	46·8	43·8	45·8	41·9	41·2	38·4	46·8	39·3	WSW	2·0	SW	1·0	8	9	9	·575	
3	·047	·018	28·955	28·902	28·916	38·5	37·4	37·5	36·6	41·0	39·2	41·8	39·7	40·0	38·9	48·7	37·8	SSW	0·5	SW	0·5	6	10	10	·308	Snow showers.
4	28·985	28·999	29·080	29·192	29·233	39·5	38·4	41·8	39·9	49·1	43·4	43·0	40·4	37·8	36·8	44·3	35·7	NNE	0·3	S	1·0	5	7	2	·090	
5	29·324	29·343	·439	·503	·560	44·8	41·4	46·0	42·9	50·9	44·9	47·7	42·7	44·0	40·9	52·2	38·2	N	0·6	SSW	0·5	8	9	5	–	
6	·697	·709	·793	·806	·865	44·3	39·9	46·8	44·9	45·5	42·8	46·0	40·7	42·0	38·9	51·0	37·8	N	0·8	NNE	0·8	6	7	5	·020	
7	·850	·840	·666	·480	·436	42·5	38·9	44·6	40·5	45·0	44·9	44·0	41·4	[46·0	45·0]	52·9	35·2	S	0·8	SW	1·5	9	9	10	·780	∞ at 9h.
8	·470	·508	·620	·678	·730	[45·7	42·5]	47·9	46·4	47·6	46·6	48·1	44·9	48·0	44·9	50·2	43·3	SW	2·0	SW	0·5	10	10	10	·530	
9	·728	·750	·827	·901	·937	44·2	43·9	44·8	44·5	51·1	50·7	50·1	48·9	49·1	49·1	50·5	43·8	NNE	0	SW	0·5	10	10	10	·370	
10	30·015	30·012	30·033	30·036	30·026	50·0	48·9	52·1	49·9	53·1	51·9	51·3	50·2	49·9	49·3	56·0	45·6	SW	2·0	SW	0·5	10	10	10	·040	
11	29·919	29·907	29·788	29·711	29·792	53·1	51·4	54·6	52·7	[62·0	58·0]	62·0	55·8	51·0	49·7	55·7	49·7	S	0·3	SW	1·2	7	4	6	·018	
12	·889	·887	·930	·927	·928	50·1	47·9	52·4	49·2	55·0	49·9	51·6	46·9	46·2	43·9	72·3	[47·0]	SW	1·5	S	1·0	7	9	4	–	
13	·886	·865	·788	·678	·590	48·1	44·9	49·4	46·1	[56·0	51·0]	50·1	45·9	[50·0	48·0]	56·7	42·8	W	0	SW	0	5	[6]	[9]	·050	∞ at 9h (18h observation taken at 19h).
14	·612	·646	·740	·821	·849	50·6	46·9	50·1	46·9	50·3	46·9	49·5	44·9	46·0	42·9	60·8	46·8	SW	0·5	S	2·0	9	7	9	·380	
15	·633	·640	·697	·711	·700	48·1	47·7	49·6	47·7	51·1	48·4	49·1	47·9	47·6	46·9	54·7	44·3	SW	2·0	SW	2·5	10	10	10	·165	
16	·698	·690	·644	·565	·560	48·3	44·7	46·0	44·7	45·0	44·4	52·1	50·9	51·1	49·9	54·9	45·8	S	2·0	SW	2·5	10	10	10	·700	
17	·442	·421	·377	·313	·311	51·1	50·4	50·9	50·1	54·0	50·9	52·1	50·4	49·1	45·9	52·7	45·8	SW	1·5	SW	2·5	10	9	9	·655	
18	·538	·561	·697	·749	·774	42·5	40·9	45·0	42·1	44·4	42·8	44·8	43·6	44·8	43·6	56·7	42·3	SW	3·5	SW	0·5	9	9	7	·220	
19	·869	·870	·872	·896	·929	45·8	43·1	48·1	45·2	53·4	46·9	49·4	45·2	46·3	43·2	50·2	41·3	S	0·5	SW	0·3	4	5	8	–	
20	30·010	30·010	30·068	30·104	30·168	46·2	43·1	47·3	44·1	46·0	43·9	51·9	44·9	43·0	40·9	55·7	41·3	SW	1·5	SW	0·2	7	10	4	·110	
21	·234	·224	·197	·157	·142	46·3	43·7	48·3	45·4	52·1	46·9	51·0	47·9	49·3	47·9	53·7	41·3	SW	0·2	SW	3·5	10	10	10	·335	
22	·257	·267	·231	·224	·315	51·1	50·4	51·6	50·9	56·2	53·8	56·0	53·8	[52·0	50·0]	55·5	48·8	SW	2·5	[SW	1·0]	10	10	[10]	·010	
23	·298	·287	·252	·200	·211	56·0	51·9	56·5	52·1	67·4	58·3	67·9	59·1	58·0	54·5	58·2	50·7	SW	0·3	E	2·5	6	1	1	–	
24	·196	·178	·145	·141	·178	55·0	51·1	59·7	55·2	64·9	58·7	58·0	54·0	50·1	48·9	69·8	49·7	E	0·3	SW	0·3	0	0	1	–	
25	·195	·195	·176	·190	·266	54·8	49·9	56·8	51·1	63·1	55·0	60·9	54·0	52·9	47·2	69·3	45·8	SE	1·0	S	1·0	1	0	0	–	
26	·314	·309	·300	·296	·338	49·1	44·9	51·1	45·2	63·4	54·0	[61·4]	52·9	53·6	49·9	[64·6]	40·0	NW	0·2	SW	0·3	0	0	0	–	
27	·363	·341	·282	·252	·290	51·1	47·9	56·0	51·9	67·9	55·8	65·9	55·3	51·6	47·7	66·0	41·8	NE	0·2	SE	2·5	0	0	0	–	
28	·323	·325	·265	·248	·304	51·4	46·9	54·1	48·9	69·9	56·3	[63·9]	54·5	52·1	47·9	74·0	43·8	SE	1·5	SE	2·0	0	0	0	–	
29	·341	·327	·258	·205	·211	49·1	45·9	50·9	46·7	61·4	54·5	60·4	54·5	51·4	46·9	71·8	42·0	E	2·0	SE	1·5	1	0	0	–	
30	·179	·167	·143	·123	·141	50·3	46·9	52·1	48·2	54·1	49·9	55·2	51·3	52·9	48·9	62·8	46·8	SE	0	SE	0·3	10	10	9	–	
31	·172	·153	·113	·093	·069	52·1	48·1	54·5	48·4	59·0	52·9	57·2	50·7	50·1	48·5	57·8	44·0	SW	0·2	W	0·2	9	9	1	..	
Means.	29·841	29·837	29·835	29·826	29·848	48·0	45·2	49·3	46·6	53·8	49·2	52·5	48·2	47·9	45·6	57·3	43·2		1·09		1·15	6·7	6·8	6·1	5·431	

JUNE 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		9h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·734	29·672	29·491	29·453	29·476	50·3	47·4	52·3	48·9	51·6	48·7	48·3	47·8	45·8	44·9	64·8	48·7	WSW	0·3	SW	0·5	9	10	10	·745	
2	·526	·551	·641	·680	·722	46·0	45·4	45·8	45·2	48·6	47·7	53·3	51·2	51·3	49·9	54·7	44·7	SW	0·5	SW	0	10	10	10	·200	
3	·762	·760	·738	·735	·755	54·1	50·4	57·5	52·4	63·9	56·5	60·0	54·5	56·5	54·0	58·8	46·2	SW	0·2	ESE	0	3	9	10	–	
4	·804	·804	·785	·798	·791	52·1	48·9	55·0	50·9	66·4	58·1	56·8	51·9	50·6	46·9	66·8	49·2	ENE	2·0	SE	2·0	5	3	10	–	
5	·761	·779	·734	·731	·704	49·1	44·9	50·6	45·9	57·5	49·9	[50·0	44·0]	[48·0	43·0]	66·6	46·3	ENE	2·0	[ENE]	0·5	8	9	[9]	–	
6	·680	·661	·646	·652	·682	51·1	45·9	53·1	47·7	61·9	51·4	53·6	49·9	50·1	47·4	58·6	42·8	ENE	0·5	E	0	7	8	2	·050	
7	·710	·725	·750	·785	·801	[52·0	49·0]	52·9	49·5	58·0	50·9	[51·0	48·0]	50·1	47·9	62·3	41·8	NE	1·0	NE	0·2	8	8	6	·190	Hail and rain[2] at 15h to 16h.
8	·852	·860	·872	·871	·947	49·2	45·2	52·5	48·8	55·2	49·5	54·5	48·9	47·8	43·9	59·8	47·1	NE	1·0	NE	0·5	10	10	5	–	
9	·970	·975	·976	·990	30·000	[49·0	48·0]	50·1	48·7	57·6	49·9	[56·0	49·0]	[50·0	47·0]	56·7	44·3	NE	1·0	[NE	0·5]	9	8	[9]	–	
10	30·020	30·003	30·000	·994	29·980	51·0	48·6	52·1	47·9	[53·0	51·0]	52·8	50·9	51·0	50·8	59·8	45·3	SW	1·0	WSW	0·5	10	[10]	10	–	
11	29·873	29·870	29·965	30·013	30·078	50·3	48·9	50·3	49·7	55·4	53·4	55·0	49·7	50·9	46·9	57·7	48·8	SW	2·3	SW	1·0	10	6	8	·080	
12	30·224	30·203	30·242	·221	·194	53·0	48·7	55·0	49·9	56·0	48·0	55·3	53·4	[53·0	52·0]	59·3	49·7	SW	2·0	SSW	2·0	6	9	[10]	·380	
13	·150	·160	·204	·255	·294	55·2	55·0	55·5	55·3	54·3	49·0	55·8	48·1	50·0	46·9	58·8	53·7	SSW	2·0	W	1–2	10	9	9	·130	
14	·305	·300	·342	·340	·348	49·7	46·9	49·5	47·8	50·5	46·5	51·8	47·7	49·3	47·0	57·0	47·1	SW	1·0	NNW	1·2	10	10	8	·040	
15	·337	·328	·340	·335	·327	50·9	47·7	52·6	48·1	56·8	49·9	54·4	48·9	50·6	45·9	54·7	45·1	WNW	1·0	NW	2·0	10	10	3	–	
16	·268	·263	·272	·245	·240	50·6	49·4	53·1	49·9	53·9	51·9	55·3	54·0	53·8	52·6	57·8	49·0	W	0	SW	0·1	10	10	10	·015	
17	·232	·215	·195	·200	·211	59·0	55·0	61·4	56·0	63·2	56·1	58·1	53·8	54·5	51·4	62·8	52·7	NE	0·1	NW	0·2	2	7	10	–	
18	·217	·210	·220	·200	·221	54·2	50·2	55·0	49·9	57·0	51·0	57·3	52·4	54·0	50·9	65·6	51·7	N	0	NE	0·2	10	10	10	–	
19	·252	·248	·235	·222	·250	54·1	51·7	54·1	49·7	60·4	58·1	57·2	52·4	[54·0	50·0]	59·3	51·7	NW	0·3	SW	0·3	10	7	[10]	–	
20	·270	·243	·235	·228	·227	53·1	50·8	54·8	51·4	60·0	58·8	58·2	53·1	57·3	52·9	62·8	51·7	WSW	0·5	W	0·1	10	9	4	–	
21	·226	·226	·176	·185	·193	52·1	50·4	55·0	52·4	63·5	58·1	59·1	54·0	55·3	52·9	61·8	45·8	SW	0·8	W	0	4	5	10	·065	
22	·152	·132	·096	·107	·146	52·8	51·7	52·9	52·2	54·4	54·0	57·2	52·9	52·8	47·9	64·8	52·0	WSW	1·0	WNW	2–3	10	10	6	·015	
23	·098	·068	·031	29·997	29·950	54·1	47·9	54·8	48·1	56·0	50·7	50·6	48·8	49·9	47·9	58·3	50·5	SW	0·2	WSW	1·0	10	9	10	·052	
24	29·837	29·817	29·714	·692	·752	51·3	50·7	51·9	51·3	54·1	54·0	54·8	53·4	52·1	46·4	58·8	49·7	WSW	1·5	SW	1·0	10	10	9	·355	
25	·897	·917	·984	·994	·991	51·2	46·9	52·4	48·9	53·1	49·9	53·3	48·7	49·6	47·9	55·7	48·7	SW	1·5	SW	0·5	9	9	10	·155	
26	·980	·988	30·027	30·030	30·049	55·0	54·0	55·7	55·0	55·3	54·8	58·8	57·4	54·1	53·8	56·7	49·1	WSW	0·3	SW	0·5	10	10	9	·040	
27	30·127	30·140	·165	·153	·203	58·3	57·4	61·4	59·1	66·4	[63·2]	67·9	63·2	59·5	57·3	62·8	53·7	SW	0·5	SW	0	10	2	0	–	∞ at 14h.
28	·220	·215	·154	·126	·120	58·8	57·0	65·9	61·0	76·4	65·2	71·8	69·2	62·1	60·1	68·8	48·7	NE	0	E	0	0	10	0	–	
29	29·997	29·994	29·942	29·942	29·970	66·4	60·1	66·0	59·1	64·5	59·5	60·9	58·0	60·5	56·2	80·4	57·7	SW	0·5	SW	0·1	9	8	10	–	
30	30·015	30·015	30·019	30·052	30·103	59·5	56·0	62·9	58·6	64·4	60·1	64·9	61·2	60·9	60·1	75·9	54·2	W	0	SE	0·3	0	9	10	·001	
31																										
Means.	30·017	30·011	30·006	30·008	30·024	53·1	50·3	54·7	51·3	58·3	53·5	56·5	52·5	52·8	50·1	61·6	48·9		0·83		0·64	8·0	8·5	7·6	2·513	

JULY 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·138	30·136	30·151	30·149	30·160	57·2	56·2	61·9	59·6	66·7	62·2	61·7	59·1	58·0	57·0	69·7	53·9	W	0	W	0	1	2	9	–	
2	·137	·137	·103	·060	·080	58·0	56·8	59·8	58·1	61·3	58·9	65·2	60·1	57·0	54·3	66·8	[53·1]	WSW	0	SW	0·5	10	10	0	–	
3	·027	·000	29·949	29·935	29·946	56·8	55·3	61·4	58·4	71·9	63·2	66·7	60·9	62·2	58·4	[75·0	47·9]	NE	0	SW	0·3	1	3	5	·315	l. at 22h.
4	29·933	29·930	·860	·862	·881	60·9	59·9	63·9	61·4	79·5	69·2	70·4	69·4	65·3	62·1	[81·1	55·6]	E	0	W	0	9	8	9	·055	T 15h to 16h.
5	·875	·857	·860	·868	·870	63·9	61·5	67·1	63·4	69·9	64·9	67·1	[63·8]	63·4	62·2	[69·0]	61·1	SW	0	SW	0	9	7	10	·145	T at 3h faint.
6	·845	·845	·847	·858	·821	58·9	58·9	60·4	60·1	64·7	62·1	64·9	61·2	59·9	58·1	68·4	58·7	SW	0	S	0	10	10	6	·060	
7	·780	·775	·767	·801	·800	61·4	56·2	64·7	57·6	62·9	58·1	63·7	[61·2]	61·4	60·1	69·6	52·9	S	1·0	S	0	9	9	9	·020	
8	·798	·839	·883	·860	·880	58·3	56·3	59·9	58·1	63·4	59·1	67·8	60·9	58·5	56·0	70·3	58·9	WSW	2·5	SSE	0·2	10	4	8	·130	
9	·835	·829	·818	·791	·757	57·5	55·5	59·5	56·7	69·9	62·2	67·7	62·2	66·8	61·0	[68·8]	53·6	SW	0·3	E	0·5	8	10	9	·218	
10	·654	·617	·592	·585	·551	64·4	61·2	68·9	64·0	68·7	63·0	66·7	62·0	62·1	61·3	73·1	61·7	ESE	1·5	ESE	1·0	4	9	10	·760	l. 0h to 1h.
11	·526	·530	·618	·631	·669	53·6	52·9	54·1	53·4	[56·8]	59·9	61·7	56·5	55·5	54·5	69·4	53·9	SW	1·0	SE	0·2	10	9	1	·155	
12	·639	·656	·718	·743	·760	59·2	55·2	59·3	55·0	59·0	56·3	65·4	[59·8]	[57·0	54·0]	67·0	50·7	SW	0·5	[SW	0·3]	9	9	[2]	·030	
13	·761	·766	·681	·646	612	62·7	58·3	65·4	59·5	70·1	62·2	63·9	[59·9]	61·8	53·3	73·0	52·7	S	0·2	WSW	0·2	7	8	6	·263	
14	·596	·593	·598	·623	·630	56·0	55·0	56·5	54·8	60·9	58·6	56·8	55·1	54·5	52·9	65·2	55·6	SW	0	SW	0·2	10	4	9	·750	
15	·676	·694	·676	·604	·527	55·3	54·2	56·3	55·3	60·7	58·2	60·9	58·6	58·0	56·0	65·3	54·1	SW	0·5	S	0·2	9	8	10	·280	
16	·300	·308	·283	·267	·260	55·0	54·5	53·9	52·4	59·7	55·0	55·4	52·8	54·1	52·9	62·8	53·8	SW	1·5	SW	3·0	10	9	10	1·295	
17	·437	·447	·603	·650	·685	54·5	51·9	54·5	51·7	56·0	51·4	55·4	50·0	52·1	49·1	58·6	51·4	SW	0·8	SW	1·5	8	9	9	·070	
18	·729	·741	·838	·882	·954	53·4	50·7	51·1	48·9	55·8	50·2	54·5	48·9	50·7	45·9	57·6	50·1	SSW	0·5	SW	1·5	9	9	9	·050	
19	30·089	30·105	30·137	30·147	30·152	52·1	46·4	51·8	47·0	59·9	49·9	56·0	49·9	52·9	47·9	60·8	[47·6]	W	0·5	S	0·8	5	8	7	·030	
20	·152	·162	·110	·071	·048	51·1	47·9	53·0	49·1	59·9	52·2	57·7	52·6	52·3	49·8	61·8	[44·4]	NE	0·2	S	0·5	7	6	9	·095	
21	29·902	29·882	29·866	29·864	29·864	48·3	47·7	49·1	48·3	55·0	51·1	54·5	50·9	52·9	51·1	58·4	47·8	NNE	0·5	Calm	0	10	10	10	·145	
22	·852	·830	·828	·818	·800	54·8	53·1	53·9	53·4	57·5	51·2	53·7	53·1	53·1	51·9	58·8	52·1	W	0·2	SW	0·5	10	9	10	·160	
23	·655	·608	·586	·565	·545	53·1	52·2	56·2	55·0	57·0	53·8	55·0	52·9	51·3	50·5	61·8	51·6	W	0	WSW	1·0	9	9	6	·876	
24	·535	·547	·607	·700	·769	53·9	51·9	54·9	52·3	60·2	56·0	53·3	50·9	51·1	48·9	61·3	50·8	WSW	0·7	E	0·4	9	9	9	·210	
25	·972	·981	30·002	30·013	30·026	49·4	45·9	53·1	46·9	56·2	49·9	55·0	49·9	56·5	49·9	58·3	47·2	SW	0·7	WSW	1·0	9	8	6	·085	
26	·968	·957	29·873	29·852	29·864	51·1	48·9	51·4	48·7	57·0	50·9	55·5	51·9	52·1	49·2	59·8	45·7	SW	0·5	SW	0·3	7	9	9	–	
27	·937	·938	·989	30·007	30·038	53·9	49·7	56·0	50·9	61·4	55·0	63·2	55·7	53·6	50·9	68·7	45·7	ESE	0·5	SE	0·3	0	5	2	–	
28	30·050	30·047	30·000	·000	·000	51·1	48·2	55·1	51·2	55·0	53·2	56·0	50·9	54·1	53·4	64·0	42·7	WSW	0·1	S	0	5	10	10	–	
29	·034	·043	·004	·088	·118	56·0	54·3	60·5	57·4	60·9	57·3	57·8	56·0	56·0	55·0	63·3	51·6	S	0	SW	0	10	10	10	–	
30	·110	·124	·098	·060	·060	55·0	54·5	55·6	54·3	60·9	58·6	60·9	59·1	59·2	58·3	63·1	54·8	SW	0	SW	0·5	10	10	10	·165	
31	·143	·143	·142	·142	·148	57·0	54·0	58·2	54·9	64·1	63·0	61·1	57·9	56·6	54·5	66·0	53·6	W	0·3	SW	0·5	8	8	10	–	
Means.	29·841	29·841	29·842	29·843	29·848	55·9	53·7	57·7	54·8	62·0	57·3	60·5	56·6	56·8	54·2	65·7	52·1		0·50		0·50	7·8	8·0	7·7	6·362	

AUGUST 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·096	30·054	29·967	29·887	29·822	[58·6	57·0]	59·9	56·3	73·2	64·4	67·9	62·2	63·1	60·1	75·2	55·1	SW	0	SSE	0·3	9	6	6	·053	
2	29·657	29·668	·671	·714	·743	59·5	54·0	58·9	54·5	58·0	55·5	57·0	55·0	54·1	52·9	69·3	57·1	SSW	1·5	SW	2·0	9	10	9	·290	
3	·770	·773	·806	·862	·902	53·3	51·1	54·1	51·7	54·1	53·4	53·6	52·9	53·1	51·9	58·1	52·6	SW	2·0	SW	1·5	9	10	10	·500	
4	30·046	30·062	30·118	30·125	30·134	53·6	51·4	52·9	51·7	56·8	54·0	56·0	52·9	54·1	51·9	59·6	50·7	SSW	1·0	SW	0·5	9	9	10	·015	
5	·106	·086	·085	·062	·072	58·8	54·0	60·4	55·0	64·9	58·1	60·7	55·3	55·2	51·9	66·8	53·2	SW	1·5	WSW	1·5	6	5	1	–	
6	·026	·038	·039	·019	·025	60·4	56·8	61·7	57·6	72·9	61·7	64·9	60·1	58·0	55·0	74·1	48·7	SSW	1·5	SW	0·5	3	6	0	–	∞ at 21h.
7	·041	·048	·075	·085	·092	58·0	55·2	60·4	57·0	64·2	61·2	66·4	63·0	61·9	59·1	69·6	50·7	SW	0	SE	0	6	9	10	–	∞ at 21h.
8	·118	·103	·043	·021	·023	58·5	56·8	62·4	59·4	74·4	67·4	73·9	67·2	68·9	63·7	79·9	52·7	E	0	WSW	0·3	5	9	5	–	∞ in morning l. at 21h 12m.
9	·018	·015	29·959	29·927	29·961	60·9	59·6	64·9	62·4	69·9	65·2	67·9	64·2	58·3	58·1	75·8	60·8	SW	0	SW	0·3	3	2	7	–	∞ in morning and at night.
10	29·909	29·905	·883	·869	·875	61·4	60·1	63·4	60·7	70·9	65·4	65·7	63·4	61·9	61·2	73·8	53·2	SW	0	E	0	6	9	10	·670	∞ in morning.
11	·883	·883	·885	·877	·891	61·7	61·2	61·7	61·2	66·9	64·2	66·9	63·7	60·9	60·1	70·8	60·6	SW	0·3	SW	0·2	10	10	9	–	
12	·867	·872	·835	·835	·841	59·7	59·9	62·7	62·2	70·2	67·2	66·9	64·2	62·9	62·2	76·8	57·1	ESE	0	SW	0	8	10	10	·455	Tl. at 21h.
13	·811	·804	·815	·798	·805	59·9	59·6	62·2	61·2	57·8	57·0	60·9	58·3	58·0	56·5	[68·8]	57·1	SW	0·5	SW	0·2	9	10	9	·060	
14	·826	·838	·901	·915	·963	57·0	54·0	57·5	54·3	58·0	57·0	59·5	56·3	55·3	54·3	62·8	54·5	SW	0·7	SW	0·3	9	9	9	·060	
15	·977	·977	·955	·913	·880	57·0	55·0	56·5	54·8	59·1	57·6	57·5	56·5	56·2	56·0	60·8	53·9	SW	0·3	Calm	0	10	10	10	1·750	
16	·877	·877	·923	·930	·941	58·2	57·0	58·0	57·3	61·9	59·6	57·5	56·8	56·0	55·3	64·1	57·2	SW	1·0	SW	0·3	10	9	9	·385	
17	·919	·919	·908	·878	·883	58·0	57·9	58·5	57·3	64·4	61·2	62·1	60·9	59·9	59·6	66·8	55·7	SW	0	SW	0·5	6	8	10	·150	
18	·872	·870	·903	·875	·733	59·0	57·6	59·5	58·1	65·9	62·4	62·7	60·9	58·9	57·3	70·8	[55·7]	SW	0	SW	0·3	9	9	9	–	
19	·603	·625	·758	·821	·907	61·1	57·3	58·8	57·3	59·9	55·8	59·4	56·0	54·1	51·9	63·8	56·9	SSW	1·0	SSW	0·2	10	9	9	·048	
20	·980	·978	·965	·922	·938	55·0	50·4	57·5	52·4	59·5	55·0	58·3	55·5	58·3	55·4	[63·3]	54·0	SW	0·3	SSW	1·0	1	10	10	·170	
21	30·172	30·186	30·180	30·155	30·175	54·4	48·9	56·8	49·7	63·9	54·5	60·3	54·8	53·1	49·9	[65·6]	53·2	WNW	0	SW	0·5	0	0	5	·020	very stormy about 13h.
22	·069	·005	·046	·025	·030	56·5	56·3	57·4	57·3	64·7	60·1	64·2	60·1	59·0	55·0	67·8	54·7	SW	0·5	SW	0·7	10	9	6	·010	
23	29·993	29·987	29·985	29·960	29·980	60·9	58·1	61·3	58·6	65·7	61·7	61·1	58·9	60·7	58·9	69·2	60·1	SW	1·0	SW	0·2	8	9	10	–	
24	·920	·920	·927	·912	·932	59·5	57·9	59·3	57·9	55·5	54·8	55·0	54·0	53·1	51·1	64·0	55·7	SW	0·3	SSE	0·5	9	10	9	·250	
25	30·034	30·031	30·083	30·136	30·145	50·9	47·9	54·8	50·1	58·3	49·9	52·1	49·4	51·6	47·1	61·1	48·3	SW	0·7	WSW	1·0	9	7	7	·105	
26	·089	·083	·057	·038	·045	49·9	47·4	50·6	48·4	53·1	48·7	54·5	51·3	50·9	48·2	56·4	47·7	SW	0	W	0·5	10	10	9	–	
27	29·930	29·902	29·813	29·724	29·674	47·0	46·1	48·7	47·2	53·9	49·5	56·0	49·9	49·9	48·7	55·7	44·2	ENE	0	NE	0	10	10	10	·185	
28	·508	·492	·472	·453	·461	48·9	48·7	50·7	50·1	57·2	52·1	51·6	49·4	47·9	46·9	59·0	48·0	W	0	SW	0·3	9	9	1	·035	
29	·534	·538	·577	·595	·625	50·4	48·9	52·5	49·9	55·0	50·9	52·3	51·2	50·1	48·9	58·4	46·7	SW	0·5	W	0·3	8	10	2	·170	
30	·687	·685	·672	·647	·635	52·9	51·4	53·5	51·4	56·5	53·9	54·1	52·4	53·1	52·1	59·3	50·1	SW	0·3	SW	0	9	9	10	·210	
31	·644	·655	·653	·636	·541	52·9	51·1	52·9	50·4	55·0	52·7	53·1	51·1	46·8	45·9	57·6	49·8	WSW	0·8	SE	0	9	10	3	·030	
Means.	29·903	29·890	29·902	29·891	29·893	56·6	54·5	57·8	55·3	62·0	58·0	60·0	57·0	56·3	54·4	66·0	53·4		0·51		0·45	7·7	8·5	7·5	5·621	

SEPTEMBER 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h		9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·555	29·543	29·477	29·462	29·455	43·4	43·1	47·9	47·2	60·9	56·0	55·6	53·1	50·6	48·9	63·0	38·8	ESE	0·2	SW	0	1	3	3	·115	
2	·458	·455	·468	·492	·508	51·8	49·1	54·3	51·1	54·8	52·9	49·9	49·1	52·3	49·9	59·8	46·7	SW	0·2	SW	1–5	10	10	9	·320	
3	·565	·580	·593	·593	·636	53·8	50·3	55·6	51·9	53·3	52·2	53·1	51·9	50·1	48·9	59·8	49·2	SW	1·0	SSW	0·1	8	10	10	·125	
4	·611	·639	·589	·574	·622	49·9	48·7	51·8	49·9	60·4	56·8	57·3	54·6	49·0	48·6	62·1	45·8	N	0	NE	0·5	7	5	8	·060	
5	·587	·575	·537	·553	·578	45·7	45·1	49·5	48·0	57·2	54·0	54·4	51·4	51·3	49·6	60·8	44·0	NE	0	WSW	1–5	3	4	8	·030	
6	·541	·543	·471	·403	·370	48·9	47·2	51·6	49·8	59·9	55·8	54·1	51·9	50·6	49·1	60·8	43·6	WSW	1·0	SE	0	7	2	10	–	
7	·503	·575	·649	·724	·785	52·3	50·7	56·0	52·9	59·5	56·9	56·4	55·0	52·9	51·8	61·8	49·8	NE	0·3	SW	0·5	2	3	7	·030	
8	·940	·956	30·003	·953	·960	52·9	51·5	53·5	52·7	59·5	57·3	57·1	55·9	53·9	53·8	63·0	[49·8]	SW	0·2	SW	0·3	6	8	10	·280	
9	30·007	30·020	·053	30·076	30·120	57·8	57·9	58·1	58·2	63·4	62·5	60·7	60·4	[59·0	58·5]	64·8	49·9	SW	0·3	[SW	0·3]	10	9	[9]	·055	
10	·135	·145	·139	·127	·156	60·7	60·4	60·9	60·7	65·7	64·2	64·7	63·0	62·9	62·2	67·8	58·8	WSW	0·1	SW	1–5	10	9	9	·010	
11	·276	·286	·313	·385	·385	58·3	56·9	60·4	58·8	68·9	64·0	[64·0	61·0]	59·9	59·1	70·3	56·7	SW	0	SW	0	3	1	10	–	
12	·453	·453	·419	·426	·478	50·4	50·2	53·1	52·4	69·8	64·3	63·1	60·4	54·1	53·4	70·9	[50·9]	E	0	SW	0	10	1	0	–	
13	·510	·500	·410	·394	·422	49·1	48·4	54·1	52·1	71·6	67·5	64·9	62·3	56·3	54·8	74·8	45·8	NNE	0	SW	0	3	0	0	–	
14	·385	·379	·274	·268	·286	51·1	49·9	55·4	53·9	69·9	67·7	59·4	58·5	53·2	52·7	70·8	46·8	NNE	0	ESE	0·3	0	2	1	–	
15	·226	·236	·167	·176	·193	52·9	51·9	56·0	55·5	67·9	66·2	57·8	57·3	55·0	54·5	69·1	51·2	NE	0·5	WSW	0	1	1	5	–	
16	·154	·151	·085	·100	·145	55·6	55·2	59·5	58·4	61·3	60·7	63·9	63·0	58·9	58·9	66·8	51·7	E	0·8	ENE	0·2	6	9	2	·030	
17	·224	·219	·258	·303	·355	57·8	57·3	58·0	58·1	63·9	63·5	58·5	58·6	58·0	58·0	65·1	52·7	E	0	SW	0·5	9	9	10	–	
18	·440	·422	·413	·384	·402	57·0	57·0	59·0	58·4	60·1	60·1	57·8	57·6	53·6	53·4	63·8	57·9	SW	0	NE	0	9	10	0	–	
19	·300	·275	·171	·113	·082	46·0	46·1	49·9	49·9	66·2	65·4	61·9	58·3	61·0	58·1	69·9	43·8	NE	0	S	0	10	7	9	·260	
20	29·982	29·988	29·891	29·805	29·738	56·5	54·5	57·1	54·8	59·3	54·8	57·0	54·0	57·0	53·3	63·8	57·2	SW	1–5	SSW	0·8	9	8	1	–	
21	·527	·497	·509	·504	·530	58·5	57·4	59·2	57·9	[59·0	58·9]	52·9	[50·4]	50·2	49·0	60·8	52·7	SW	2·0	SSW	0·5	10	10	9	·510	
22	·515	·528	·593	·678	·740	51·1	50·2	51·6	50·4	51·9	49·2	49·4	47·5	49·9	44·9	53·5	49·2	SW	1·0	WSW	2–5	10	9	9	·428	
23	·925	·931	·952	·928	·890	47·3	45·1	50·1	47·4	54·8	49·7	51·1	49·7	50·9	49·7	57·2	46·8	WSW	0·3	SW	1·0	8	8	10	·588	
24	·682	·680	·704	·732	·794	52·4	51·1	52·1	50·7	52·9	51·7	52·6	50·1	52·4	48·9	56·8	51·0	SSW	2–5	SW	0·3	10	6	2	·420	
25	·942	·949	·842	·726	·657	50·4	48·1	50·9	49·4	55·1	51·9	53·9	48·9	56·0	51·9	58·8	50·0	SW	0·6	SW	2–3	10	9	10	·485	
26	·613	·625	·655	·658	·606	51·6	48·7	53·1	49·3	55·5	49·9	49·7	46·5	50·2	45·9	58·7	51·6	WSW	1·1	SW	2–5	8	6	2	·900	
27	·206	·236	·479	·558	·545	53·1	51·2	52·1	51·2	54·1	49·4	50·3	47·9	50·1	48·1	55·5	49·6	SW	3·0	SW	2–5	8	9	10	·935	
28	·626	·658	·690	·626	·598	51·6	48·2	51·4	47·2	53·2	52·7	46·8	46·4	47·0	46·5	53·2	47·6	SW	1–5	SW	1·0	10	10	10	·373	
29	·750	·766	·856	·906	·927	46·3	43·9	47·6	44·9	49·6	45·9	48·3	45·1	47·9	45·1	53·3	45·8	SSW	0·3	SW	1·0	9	9	9	·135	
30	·837	·823	·702	·496	·540	52·1	48·7	53·3	49·3	53·9	49·9	51·9	49·7	52·3	49·9	55·7	47·3	SW	2–5	SW	2 5	8	10	8	1·180	
31																										
Means.	29·882	29·888	29·879	29·874	29·883	52·2	50·8	54·1	52·4	59·8	57·1	55·9	54·0	53·5	51·9	62·4	49·4		0·84		1·06	7·2	6·6	6·7	7·269	

OCTOBER 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·787	29·795	29·890	29·948	29·968	46·3	43·9	47·4	45·4	53·7	47·9	48·1	45·0	46·1	43·9	54·1	44·2	SW	0·5	SW	0·5	7	6	4	·238	
2	·826	·790	·669	·547	·594	49·9	48·9	50·1	49·4	52·1	51·5	54·4	53·2	51·6	51·1	55·7	46·8	SSW	0·8	WSW	0·5	10	10	10	1·462	
3	·787	·831	·983	30·105	30·198	47·9	44·1	48·7	44·9	49·1	44·7	48·7	44·6	48·6	43·9	56·6	45·9	WSW	2–5	SW	1·0	5	5	7	·063	
4	30·460	30·464	30·536	·586	·606	46·3	44·2	47·7	45·5	53·9	49·4	51·3	49·2	51·3	49·7	55·2	44·3	SW	0·3	S	0·3	5	7	10	–	
5	·713	·716	·726	·697	·715	51·6	49·7	52·3	50·9	56·9	51·6	50·9	48·1	44·3	43·9	59·6	46·2	SW	0	NE	0	10	4	0	-	
6	·672	·660	·565	·533	·517	44·0	43·7	41·0	[40·5]	58·5	52·7	49·9	47·9	46·3	45·9	58·8	37·7	E	0·5	SE	0	0	0	0	–	
7	·370	·338	·230	·096	·026	40·8	40·7	42·0	41·9	44·3	[41·0]	51·4	49·1	50·2	47·9	52·0	41·0	ENE	0·3	SW	0·5	10	[10]	10	·290	
8	29·635	29·595	29·531	29·484	29·470	48·9	47·9	49·1	48·3	44·3	43·2	44·8	43·3	44·0	42·9	52·0	45·3	SW	0	E	0·3	10	10	9	·438	
9	·584	·605	·512	·632	·676	44·3	43·9	48·1	47·4	49·9	46·9	44·9	43·3	41·2	38·9	52·0	44·2	NNE	0·5	NE	0·7	10	9	7	·100	
10	·684	·684	·700	·736	·756	37·5	35·8	39·5	37·7	45·0	39·4	38·5	35·8	38·0	34·5	46·8	36·9	E	0	SW	0·3	6	3	4	–	
11	·741	·731	·773	·849	·900	41·0	38·4	44·0	40·8	47·0	43·3	44·9	40·9	44·5	40·4	47·7	35·1	N	1·0	NE	1·0	10	7	1	–	
12	30·022	30·025	30·062	30·094	30·110	42·5	38·9	43·1	39·7	49·3	44·6	42·2	39·6	38·1	35·8	50·4	40·7	NE	1·0	ESE	0	6	6	1	–	
13	·060	·044	29·985	29·934	29·928	43·0	41·9	44·0	42·9	45·8	44·4	46·0	45·9	47·0	46·9	46·8	36·7	SW	0	SW	0·2	10	10	10	·195	
14	·036	·048	30·078	30·003	30·093	48·1	43·9	48·1	44·7	50·9	46·1	48·1	46·1	47·5	45·9	53·3	45·7	WSW	0·3	SW	0	9	10	10	·345	
15	29·952	29·969	·021	·100	·149	53·1	52·7	53·9	52·4	53·1	49·9	50·0	45·1	50·0	43·9	54·7	47·0	SW	0·5	W	1–2	9	7	3	·010	
16	30·157	30·153	·117	·087	·076	46·8	46·4	47·6	47·1	53·9	53·2	53·0	52·5	53·6	50·9	54·6	41·7	SW	0·3	SW	0·5	10	10	1	·095	
17	·092	·092	·128	·161	·202	54·1	52·9	54·8	52·9	54·1	53·2	54·9	52·9	53·1	51·1	57·2	46·0	S	1·0	SW	0·5	9	10	9	·095	
18	·242	·242	·212	·165	·128	52·1	51·2	52·6	51·4	54·1	52·9	54·1	51·9	53·1	52·4	56·0	51·7	S	0	SW	1·0	10	10	10	·260	
19	·193	·196	·198	·198	·212	49·3	45·4	49·6	45·4	49·6	47·4	48·1	46·9	47·0	45·9	54·7	48·7	WSW	0	SW	0·3	9	10	1	·010	
20	·252	·255	·242	·242	·217	47·6	46·4	48·3	46·7	49·1	47·7	50·1	49·9	52·6	51·9	51·7	47·8	SW	0·2	SW	1·0	10	10	10	·110	
21	·165	·165	·126	·120	·125	52·3	50·7	52·1	50·4	53·6	49·9	51·8	49·3	51·3	48·9	54·6	50·0	SW	1·0	SW	1·0	10	9	9	–	
22	·078	·070	·016	29·967	29·940	52·1	50·0	52·5	50·4	53·4	48·9	52·1	47·9	52·1	48·9	54·7	45·3	SW	0·5	SW	1–5	9	10	10	–	
23	29·828	29·810	29·761	·754	·770	52·1	47·4	52·3	47·1	56·0	49·9	53·4	48·9	51·1	48·9	50·9	51·7	SW	0·2	SW	0·5	8	9	10	·330	
24	·942	·952	·965	30·006	30·006	44·5	43·9	44·8	44·1	48·1	46·7	43·0	41·9	44·0	42·9	54·2	43·8	SW	0·2	SW	0·3	10	7	1	·660	
25	·750	·730	·630	29·394	·178	48·1	46·9	48·6	47·7	54·9	53·1	53·4	52·6	54·1	52·9	54·7	42·9	SW	3–5	SSW	3·0	10	10	10	3·220	
26	·222	·227	·287	·383	·350	46·0	41·4	46·0	41·2	42·8	39·0	41·0	38·3	40·5	38·4	56·5	45·8	WSW	2·0	WSW	2–3	10	10	6	·790	Tl. at 16h–17h.
27	·616	·634	·572	·365	·135	40·8	37·1	40·5	37·7	42·6	40·4	40·0	38·9	42·0	41·7	44·3	33·7	WSW	0·3	NW	0·5	5	10	10	·260	
28	·057	·185	·419	·556	·603	43·5	39·9	40·8	38·4	42·4	36·3	39·0	35·8	34·9	32·8	50·7	40·1	WSW	2·0	WSW	0·3	10	9	8	·240	
29	·718	·733	·770	·764	·732	38·0	36·8	39·0	37·4	42·3	41·9	41·0	39·9	43·0	41·8	48·6	34·7	WSW	0·5	SSW	2·0	9	10	10	·650	
30	·759	·747	·679	·629	·611	45·4	44·3	46·5	44·9	49·4	48·9	52·4	51·9	52·4	52·1	53·1	40·8	SW	3·0	SW	1·0	10	10	10	2·730	
31	·578	·617	·760	·713	·723	53·4	52·9	53·9	53·6	50·1	47·9	49·6	47·1	49·9	48·9	56·8	47·8	SW	3·0	SW	1·0	10	10	8	1·115	
Means.	29·935	29·939	29·940	29·931	29·926	46·8	44·9	47·4	45·4	50·0	46·9	48·1	45·9	47·2	45·4	53·2	43·6		0·89		0·81	8·6	8·3	6·7	13·706	

NOVEMBER 1884.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·697	29·686	29·762	29·820	29·828	47·9	47·1	47·9	47·4	49·2	47·7	46·0	44·8	45·1	43·9	53·1	46·7	SW	0·3	E	0·2	10	10	10	·680	
2	·715	·726	·746	·805	·805	40·3	39·7	41·0	40·4	43·2	42·0	39·8	38·7	40·0	38·9	46·7	41·7	SW	0·2	SW	0·7	10	10	2	·550	
3	·828	·858	·928	·931	·910	38·0	36·8	39·8	38·1	42·8	40·4	41·0	38·9	43·1	40·0	44·8	37·8	SW	0·3	W	0·3	3	4	7	·070	
4	·577	·546	·374	·227	·094	45·5	42·4	45·3	42·2	45·3	42·9	48·3	46·9	48·4	45·9	51·3	40·8	S	1·0	SSW	6–7	10	9	10	1·793	
5	·170	·170	·279	·468	·530	48·9	47·1	48·9	47·4	48·5	47·7	45·8	43·3	46·0	42·9	50·4	46·6	SW	1·0	SW	4·0	10	10	10	·600	
6	·776	·796	·873	·890	·880	42·8	40·9	42·0	40·4	45·8	42·4	41·9	40·1	40·5	39·4	47·7	41·9	SW	0·7	NE	0·3	7	9	10	·453	
7	·374	·330	·290	·532	·731	43·5	42·5	43·5	43·0	45·4	45·0	42·0	38·9	42·0	37·9	50·1	38·9	E	1·0	WSW	2–5	10	10	5	·705	
8	·802	·764	·703	·655	·665	43·8	41·3	46·5	44·7	48·6	46·9	50·7	49·3	51·1	49·9	51·4	39·2	S	3–5	SW	4–5	10	10	10	4·515	
9	·744	·780	·918	30·002	30·092	48·6	44·4	48·6	44·9	47·4	44·7	46·3	43·2	44·0	42·2	52·7	41·0	WSW	1–5	SW	1–5	9	9	7	·255	
10	30·359	30·373	30·368	·323	·304	42·5	40·9	42·0	40·7	50·6	46·7	44·0	39·9	45·0	41·9	51·7	42·8	SW	0–3	SW	0·3	7	2	5	·010	
11	·162	·138	·131	·146	·148	53·5	49·9	54·1	50·1	52·3	50·7	51·1	49·9	50·3	49·7	55·8	42·8	SW	2·0	SW	0·3	10	10	10	1·150	
12	29·996	29·996	·015	·096	·157	51·5	48·9	50·1	48·4	49·2	48·8	36·8	46·1	47·0	45·9	52·2	46·8	SW	1·0	SW	0·4	10	10	10	·355	
13	30·430	30·435	·490	·557	·588	37·5	37·1	38·0	37·7	44·0	42·9	38·6	37·9	38·5	37·9	[47·7]	37·0	NE	0	NNE	0·2	9	3	5	–	
14	·613	·607	·564	·510	·515	30·4	30·8	29·4	29·8	37·5	36·0	35·2	35·0	35·9	34·8	39·1	29·8	E	0	SE	0·2	0	0	0	–	∞ at 14h and at 21h.
15	·452	·463	·443	·441	·446	38·5	35·3	37·5	34·8	41·0	37·7	37·2	33·8	33·9	31·8	43·0	34·7	NE	0·3	SE	0·2	0	9	1	–	∞ in morning.
16	·367	·370	·346	·356	·362	34·4	32·4	33·9	32·8	37·5	35·8	36·3	35·2	33·7	32·0	38·4	31·7	SE	0	NE	0·3	9	9	1	·025	∞ at night.
17	·412	·408	·443	·485	·511	37·0	35·8	38·0	37·1	43·3	41·7	42·0	40·9	42·5	40·9	43·8	33·7	SE	0	ENE	0·2	10	5	7	–	
18	·585	·620	·651	·696	·705	39·0	36·8	40·0	37·4	41·5	38·2	40·0	38·1	40·0	37·9	42·4	39·3	NNE	0·8	NE	0·4	9	9	8	·010	
19	·685	·690	·647	·583	·546	34·9	34·0	35·5	34·8	43·4	41·9	43·2	41·4	42·0	40·7	44·0	35·2	SE	0	SW	0·2	6	8	9	·058	
20	·211	·180	·130	·130	·145	43·0	41·9	44·2	41·9	42·5	39·7	37·0	34·8	41·0	36·8	48·7	37·8	W	0	SE	0·2	8	8	1	–	
21	·234	·237	·281	·287	·306	38·5	36·8	38·0	36·5	43·0	39·5	35·9	34·8	32·9	32·0	43·8	35·7	SE	0	E	0	1	1	0	–	
22	·226	·229	·820	·249	·201	33·9	33·6	34·3	34·0	40·8	39·9	41·0	40·0	40·0	38·9	43·1	31·7	SSE	0	NE	0	9	8	9	·010	
23	·189	·194	·160	·125	·147	35·4	34·1	35·7	34·6	38·7	35·2	32·9	32·6	31·9	31·2	41·7	31·8	SSE	0	Calm,	0	9	7	0	–	
24	·190	·208	·203	·187	·182	28·2	27·8	[31·7	28·3]	34·4	33·0	37·2	36·8	37·9	37·5	37·3	27·7	SE	0	SW	0	9	10	10	·010	
25	·186	·194	·210	·239	·251	39·9	39·1	40·0	39·2	44·0	41·4	40·0	38·3	42·0	39·9	44·9	[32·5]	SE	0	W	0·2	9	2	9	·010	
26	·196	·199	·160	·125	·073	41·0	39·9	43·3	41·9	46·0	43·2	47·5	44·1	47·0	45·1	48·0	37·9	W	0·5	SW	0·5	9	10	10	·695	
27	29·778	29·772	29·672	29·675	29·649	48·6	47·9	47·6	46·9	47·9	44·9	42·8	41·4	44·8	41·0	51·2	44·6	W	1–5	S	3–4	10	10	8	·480	
28	·654	·667	·670	·698	·797	38·5	37·9	37·2	36·8	37·3	35·6	34·9	32·8	37·0	34·0	45·5	37·9	ENE	0·5	W	0·2	9	1	9	–	
29	·847	·893	·936	·984	·984	29·9	29·8	29·9	29·8	33·1	31·8	28·4	28·8	[26·9	25·8]	37·8	29·7	SSW	0	ESE	0	4	1	0	–	
30	·829	·827	·797	·837	·885	29·1	28·8	31·4	29·8	35·2	32·8	34·9	33·3	35·9	32·8	37·8	24·6	SE	0	SSE	0·3	7	4	2	–	
31																										
Means.	30·040	30·045	30·047	30.069	30·081	40·2	38·7	40·5	39·1	43·3	41·2	41·0	39·3	40·0	39·0	46·2	37·3		0·70		1·02	7·8	6·9	6·2	12·434	

FORT-WILLIAM OBSERVATIONS.

DECEMBER 1884.

	Barometer reduced to 32° and Sea Level.				Temperature—Dry and Wet Bulbs.						S. R. Thermometers. Read at	Direction and Force of Wind (0–12).		Amount of Cloud (0–10).		Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h	9h	14h	18h	21h	18h 9h	9h	21h	9h	14h 21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry. Wet.	Dry. Wet.	Dry. Wet.	Dry. Wet.	Dry. Wet.	Max. Min.	Dir'n. Force.	Dir'n. Force.				
1	29·897	29·897	29·844	29·780	29·724	32·2 30·8	34·4 31·8	42·0 40·9	38·0 34·8	41·2 40·1	39·8 30·2	ENE 0	W 2–3	9	9 7	.462	
2	.285	.306	.323	.393	.366	44·0 42·9	42·8 39·9	41·6 39·9	38·0 36·8	41·6 39·7	43·8 33·7	WSW 1–5	SW 0·2	10	7 9	.560	
3	28·893	28·891	28·998	.073	.108	42·8 40·9	39·3 37·9	36·7 35·6	38·8 38·3	43·8 39·7	44·8 38·6	ESE 0	WSW 1·0	10	9 10	.390	
4	29·059	29·066	29·183	.210	.237	34·9 33·8	33·9 32·9	36·7 35·6	38·8 38·3	43·8 39·7	48·6 33·9	SE 0	SW 0·3	9	10 10	.643	
5	.431	.497	.542	.407	.240	36·1 35·0	35·2 34·6	39·3 37·9	40·7 38·6	41·5 40·9	41·3 33·9	S 0	WSW 2·0	7	9 10	.445	
6	.171	.163	.143	.130	.148	44·0 42·1	44·8 42·1	45·0 42·9	44·3 41·9	46·0 41·9	48·2 35·7	SW 2·0	WSW 3·0	10	9 8	.410	
7	.251	.259	.209	.180	.175	44·0 41·7	42·3 40·7	43·2 41·4	43·0 40·4	41·9 39·9	46·8 40·7	SW 2·0	SW 2–3	10	9 10	.562	
8	.221	.253	.385	.452	.500	41·0 39·2	42·2 39·6	42·0 39·7	40·0 38·7	40·0 37·9	44·7 38·8	WSW 2·0	SW 1·0	9	9 10	.280	
9	.571	.585	.596	.698	.723	36·7 35·0	35·4 34·8	[46·5 44·4]	38·0 37·1	38·5 36·8	42·6 36·7	SW 0·5	NE 0·2	8	9 1	.690	
10	.448	.400	.156	.115	.090	46·0 43·9	[46·5 44·4]	47·0 46·4	38·5 36·8	38·0 36·1	45·8 44·9	SW 3–5	SW 2·0	10	9 10	1·430	
11	.123	.127	.259	.483	.614	46·2 44·7	45·0 44·7	47·4 44·9	46·3 44·2	46·0 41·9	48·6 45·8	W 2·0	WNW 2·0	9	6 4	.170	
12	.388	.312	.647	.640	.712	42·0 40·9	41·2 40·9	44·3 44·2	49·4 48·9	46·0 44·1	51·2 40·8	SW 0·3	SW 0·7	10	10 6	1·070	
13	.651	.655	.786	.802	.724	47·0 45·9	46·3 45·4	46·0 [43·3]	45·0 43·9	43·0 42·9	49·7 40·8	SW 1·0	NE 0	10	6 10	1·510	
14	.311	.279	.234	.275	.301	45·0 43·9	43·8 41·9	44·0 39·6	41·2 38·2	41·1 37·9	[55·7] 41·4	SW 1·6	SW 3–4	10	6 10	.710	Sleet 20h–21h; T 20h 50m, 1 hill 3h.
15	.334	.348	.350	.418	.483	39·5 35·8	38·8 36·0	39·5 36·6	39·0 35·1	42·8 38·3	WSW 0·8	WSW 3–5	8	9	10	290	
16	.500	.521	.526	.460	.438	37·0 35·8	38·0 36·3	36·4 34·8	37·2 35·8	33·9 33·8	42·8 36·0	WSW 2·0	WSW 0·3	9	8 3	.272	
17	.414	.417	.489	.655	.677	32·9 32·4	32·4 32·0	37·6 35·6	38·9 36·3	40·2 36·0	40·8 32·7	W 0·3	WSW 1·0	10	8 3	.400	
18	.373	.311	.164	.147	.125	35·1 34·8	36·1 35·8	39·0 38·1	38·0 36·8	37·5 36·3	41·5 32·7	WSW 0·9	SW 0·5	10	10 10	.670	
19	28·957	28·946	28·994	.046	28·985	40·2 38·9	41·5 39·8	42·0 39·9	41·0 38·8	38·0 35·8	43·9 36·9	SW 1·0	SW 0·3	10	10 2	.445	
20	29·195	29·241	.511	.742	29·882	38·9 32·8	35·4 34·8	40·5 38·4	37·2 35·8	39·0 38·4	41·8 31·7	SE 0	NNE 0·5	6	9 1	.025	
21	30·189	30·330	30·292	30·320	30·406	35·9 34·0	35·7 33·8	36·0 34·1	31·4 28·9	28·9 28·3	40·8 36·7	SE 0	E 0·1	5	1 0	–	
22	.400	.404	.325	.309	.262	24·1 [23·5]	25·4 [24·5]	30·2 29·1	25·0 [24·5]	27·9 27·8	31·0 24·8	SW 0·5	NE 0	0	0 5	–	
23	.132	.121	.115	.147	.161	38·0 35·8	39·0 35·8	38·0 35·8	37·5 36·5	38·0 35·8	42·9 38·5	SW 0·3	SW 0·3	10	6 9	–	
24	.171	.157	.149	.173	.189	38·0 36·0	38·3 36·8	42·0 39·9	42·9 38·5	38·0 36·8	43·8 37·3	SW 0	SW 0	9	10 8	.010	
25	.201	.211	.194	.200	.208	33·9 33·8	35·4 34·6	35·9 33·1	33·1 32·8	31·9 31·8	41·8 24·0	SE 0	SE 0	9	0 1	–	
26	.140	.134	.119	.124	.136	37·5 37·4	38·0 37·7	41·0 40·9	40·8 40·6	41·0 40·9	40·8 31·7	SW 0	WNW 0·2	10	10 10	.082	
27	.134	.144	.119	.119	.102	42·0 41·9	42·0 41·9	43·3 42·4	42·0 40·9	42·0 40·9	43·8 40·8	SW 0	SW 1–5	10	10 10	.055	At 18h cloud motion from S.
28	.056	.049	.005	29·954	29·936	41·0 39·9	41·0 39·7	39·2 37·7	36·3 35·4	31·9 31·8	[42·0] 41·6	SW 0	SE 0	10	5 0	–	
29	29·802	29·813	29·737	.750	.768	32·4 31·0	33·5 31·3	40·7 37·0	39·0 35·8	35·9 33·8	41·8 28·7	ENE 0	S 0	0	0 3	–	
30	.858	.874	.892	.907	.900	37·5 33·8	38·0 34·4	38·8 35·3	37·0 34·8	35·4 34·1	40·0 32·7	SSW 0	WSW 0	10	4 9	–	
31	.917	.926	.908	.972	30·010	34·9 34·3	35·5 34·9	44·0 40·9	43·1 41·1	44·5 41·8	44·8 34·7	SE 1·5	SW 0·3	10	10 9	.085	
MEANS.	29·610	29·617	29·618	29·648	29·655	38·6 37·2	38·7 37·3	39·7 37·9	40·6 38·7	39·9 37·1	43·9 35·6		0·82		1·01 8·6	7·5	6·7 11·616	

JANUARY 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	30·102	30·118	30·138	30·150	30·161	47·0	43·9	45·6	42·7	44·5	41·0	43·0	39·9	42·0	39·1	47·9	35·7	SW	1·5	SW	0·1	10	8	10	–	
2	·038	·038	29·962	29·908	29·856	40·0	35·8	39·2	35·0	38·8	34·6	40·0	35·8	40·0	35·8	43·8	38·9	SW	1·0	SSE	1–2	9	9	6	–	
3	29·860	29·860	·894	·913	·911	38·0	34·3	37·8	34·0	37·5	34·1	34·9	33·8	35·9	34·6	41·8	37·7	SSE	1·0	NW	0	10	10	10	–	
4	·858	·814	·651	·587	·542	42·0	39·1	41·0	39·1	43·5	42·9	46·5	46·2	48·1	47·9	46·9	35·3	WSW	1·5	SW	3–4	10	10	10	·020	
5	·694	·714	·865	·936	·938	41·0	39·4	40·2	39·0	39·5	37·1	35·4	33·8	37·6	35·0	49·7	40·2	SW	0·3	SW	0·5	6	9	1	·560	1. 20h–21h.
6	·754	·792	·858	·934	·990	40·0	37·9	35·9	34·8	37·0	34·1	35·9	34·0	34·1	33·8	41·8	35·7	W	3–4	WNW	1·5	10	9	10	·390	
7	30·020	30·016	·908	·816	·768	39·0	37·9	40·0	39·1	42·0	40·9	43·6	41·5	45·0	42·4	44·1	34·2	SW	0·3	SW	4·0	9	10	10	·290	
8	29·384	29·370	·358	·407	·385	36·1	35·8	36·4	35·8	38·2	36·9	34·4	33·8	35·9	35·0	46·7	36·7	SW	0·8	SW	2·5	10	10	7	·530	
9	·398	·408	·403	·417	·405	36·1	35·0	35·0	34·6	38·5	37·4	36·7	35·8	35·9	35·1	40·3	33·7	SW	0·5	SW	0·5	10	10	6	·870	Snow to 400 feet.
10	28·851	28·798	28·661	28·554	28·436	34·1	33·8	34·7	34·6	40·5	38·6	39·4	37·9	36·9	35·8	45·3	34·7	SSW	0	SE	0·3	10	10	0	·590	Fresh snow to 700 ft.
11	·851	·970	29·230	29·455	29·600	41·0	37·2	40·8	36·1	41·0	36·9	36·5	35·0	35·9	34·1	44·3	34·8	NE	2·0	E	1–2	9	10	2	·310	
12	29·854	29·868	·928	·960	·964	35·4	32·8	37·3	33·4	38·0	34·8	36·0	32·8	34·9	31·8	39·8	32·7	ESE	0·2	ENE	0	3	5	0	–	
13	·950	·938	·892	·935	·968	26·9	26·8	27·7	27·1	32·4	30·3	35·0	31·7	34·9	31·8	36·5	26·7	ENE	0	NE	0·3	5	9	4	–	
14	30·140	30·165	30·229	30·308	30·336	33·4	32·8	33·0	32·6	34·4	33·6	29·7	29·6	27·9	27·8	35·7	27·5	NE	0·5	ESE	0	9	1	0	–	Considerable afterglow.
15	·392	·380	·376	·384	·400	20·2	[20·2]	20·2	[20·2]	22·2	22·1	20·9	[20·9]	22·7	[22·7]	29·8	21·5	ESE	0	ESE	0	9	3	1	–	
16	·462	·458	·460	·442	·442	22·2	[22·2]	21·7	[21·7]	33·0	32·8	29·9	29·8	32·9	32·8	33·8	20·7	ESE	0	ESE	0	0	0	0	–	
17	·323	·322	·262	·237	·229	37·6	34·8	38·2	35·3	40·8	37·7	38·5	38·5	42·0	38·4	41·8	21·7	NE	1–2	SE	0·3	8	6	3	–	
18	·264	·264	·229	·252	·250	41·0	37·9	41·0	38·1	43·8	38·9	40·0	37·3	41·0	37·9	44·4	37·7	NW	0·8	SW	1·0	7	5	9	·020	
19	·182	·185	·164	·154	·144	35·4	34·9	35·4	34·8	38·6	37·3	[34·8	34·5]	33·8	[33·8]	39·8	35·7	SSW	0	S	0·1	10	10	1	–	
20	·068	·058	·030	·038	·035	29·7	28·6	29·7	28·6	34·1	32·0	32·9	33·0	30·9	30·3	34·8	26·5	ESE	0	NW	0	10	3	0	–	
21	29·998	29·999	29·934	29·882	29·850	24·9	24·8	24·9	24·8	31·7	31·6	30·9	30·8	35·9	29·8	33·8	23·7	S	0	SSE	3·0	2	1	0	–	
22	·860	·870	·873	·897	·883	34·4	33·8	33·9	33·8	40·0	34·9	36·4	35·0	37·0	36·3	41·1	24·7	SE	0	SE	0·2	9	7	10	–	
23	·969	·980	30·000	30·030	30·035	31·9	29·8	33·4	30·9	35·9	32·8	30·5	29·8	32·4	30·8	37·8	30·5	NW	0	NW	0·2	2	2	9	–	
24	30·005	30·005	29·990	·010	·018	35·9	33·6	36·1	34·0	42·0	37·9	40·0	37·9	39·0	36·9	43·8	30·7	SE	0	SE	0	10	9	8	·018	
25	29·929	29·916	·865	29·818	29·768	37·2	36·0	40·0	38·1	41·7	39·0	43·0	40·9	44·0	43·4	45·7	30·7	SE	0·2	SW	0·5	6	10	10	·478	18h Clouds moving from SW,—wind below, NE.
26	·702	·704	·685	·675	·668	42·0	41·9	40·2	40·1	42·2	42·1	41·4	41·3	42·0	41·9	45·8	40·0	SSE	0	SE	0	10	10	9	·130	
27	·598	·584	·562	·614	·642	40·3	39·7	40·6	39·9	41·1	40·8	39·0	38·8	37·5	37·4	43·6	37·7	SE	0	SE	0	10	10	10	·101	
28	·414	·360	·143	·154	·165	42·0	39·9	43·0	40·0	44·0	41·8	41·1	40·7	43·0	41·9	45·8	34·9	ENE	0·2	SW	1·0	10	10	10	·145	
29	·180	·166	·115	·130	·133	35·9	35·3	35·2	34·8	41·5	41·4	41·9	41·7	44·0	42·9	43·8	35·7	SE	0	SW	0	9	10	3	·675	
30	28·933	28·930	28·897	28·904	28·901	46·3	44·2	45·1	43·8	44·3	40·9	41·5	38·9	42·0	38·9	46·8	35·7	SW	0·3	SW	0·3	10	4	4	·420	
31	·712	·709	·558	·398	·396	42·0	40·8	39·5	38·9	43·5	40·9	43·0	40·9	39·8	39·2	44·8	40·6	SW	0·5	WSW	0·3	10	10	10	·345	Snow clear to 1500 ft.
Means.	29·766	29·766	29·746	29·752	29·749	36·4	34·9	36·2	34·7	38·9	36·7	37·2	35·8	37·6	36·0	41·7	32·4		0·54		0·75	8·1	7·4	5·6	5·892	

FEBRUARY 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).			Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	28·680	28·710	28·832	28·985	28·933	39·1	38·4	41·5	40·1	42·0	39·9	42·0	39·6	42·0	38·9	44·0	39·0	SW	1·0	SW	2·0	9	10	9	·140	
2	·943	·911	·765	·709	·708	38·0	35·9	40·2	37·1	42·3	39·4	39·3	38·4	42·5	39·9	43·8	37·7	SSE	0·3	WNW	0·5	8	10	9	·230	
3	·850	·895	29·020	29·120	29·148	37·5	36·9	38·0	37·4	40·9	39·8	40 8	39·2	39·8	38·9	43·8	37·4	SW	0	SW	0·2	9	8	9	·190	
4	29·215	29·220	·158	·150	·117	32·9	32·3	33·4	32·3	41·3	37·9	39·9	35·8	40·5	37·9	42·7	32·8	NE	0	SSE	0·5	2	8	9	·025	Fresh snow to 1500 feet.
5	·068	·072	·123	·225	·302	36·0	35·8	36·4	34·8	37·3	36·6	40·8	39·0	40·2	39·0	41·8	33·0	SW	0	WSW	0·2	10	10	9	·218	Fresh snow to 1000 feet.
6	·346	·310	·164	·066	28·955	35·9	34·9	40·8	37·7	42·0	38·5	42·2	40·5	40·0	39·9	42·9	33·7	SSW	0·3	WNW	0	10	10	10	1·321	
7	·122	·147	·234	·316	29·405	37·2	36·9	38·0	36·9	42·2	39·8	41·4	40·5	40·5	38·9	42·9	34·7	W	1·0	WNW	2-5	10	10	10	·840	Snow to 500 feet.
8	·121	·063	·000	·154	·208	41·3	39·7	45·0	42·9	48·1	45·7	40·5	38·6	39·9	38·8	49·3	37·7	WSW	0·3	W	0·1	9	7	10	·200	
9	·246	·251	·374	·480	·533	35·7	34·3	35·5	34·1	41·5	37·9	42·3	38·9	39·9	38·2	43·3	34·7	SW	0	WSW	1–2	7	9	10	·071	
10	·772	·797	·728	·658	·500	33·9	32·8	35·0	33·8	40·5	37·9	42·1	40·2	44·0	43·0	43·1	33·2	SW	0	WNW	1·0	8	10	10	1·420	
11	·632	·662	·824	·812	·760	43·0	41·4	43·1	41·4	43·5	40·2	41·0	39·9	40·0	39·8	48·2	35·0	NW	1–2	NE	0·1	8	9	10	1·050	
12	·627	·614	·623	·681	·738	46·3	46·2	46·3	46·2	46·3	46·2	46·2	46·1	43·0	42·4	47·7	39·8	W	1–2	SW	0	10	10	9	1·863	
13	·621	·602	·460	·413	·407	39·5	39·4	40·0	39·9	42·0	41·9	43·8	42·9	43·2	42·9	46·7	39·0	NE	1·0	WSW	1·0	10	10	9	·771	
14	·632	·642	·670	·670	·670	34·9	34·0	36·0	35·0	42·4	39·2	34·9	33·3	31·5	30·0	44·8	34·7	NW	0	SE	0	4	7	0	·010	
15	·484	·500	·424	·409	·410	32·2	31·6	32·1	31·7	35·9	35·7	32·9	32·1	32·9	31·4	41·2	28·2	E	0	E	0–1	10	10	9	·153	
16	·425	·422	·356	·360	·362	19·4	[19·4]	19·9	[19·9]	35·9	31·0	27·4	[27·4]	25·9	25·0	36·0	19·0	SE	0	SE	0·2	0	0	0	–	
17	·433	·440	·411	·392	·372	21·9	[21·9]	22·9	[22·9]	31·7	31·0	30·9	[30·9]	31·1	31·0	34·4	19·7	SE	0	SE	0·2	5	8	10	·060	Snow. Haze 9h.
18	·433	·444	·480	·574	·642	23·1	[23·1]	21·7	[21·7]	35·1	31·6	30·9	30·0	29·9	29·1	37·0	22·9	SE	0	ESE	0·2	1	5	0	·050	Snow.
19	·679	·688	·734	·797	·854	32·4	31·8	35·4	32·8	37·0	35·1	33·9	33·0	29·9	[29·9]	39·3	21·7	NW	0	E	0·1	9	9	0	·040	Snow. Haze 8h and 9h.
20	·872	·879	·872	·876	·913	22·9	[22·9]	26·9	25·3	37·5	32·9	34·4	30·8	32·4	31·0	37·8	22·7	SE	0	SW	0·2	1	3	6	–	
21	·871	·853	·622	·435	·332	35·5	34·2	36·0	34·9	39·1	31·1	32·9	33·6	37·0	34·8	39·8	26·7	WSW	1·5	SW	2·5	9	10	10	·620	
22	·011	·008	·244	·348	·410	42·5	40·9	43·5	41·4	41·5	39·2	40·2	37·9	40·9	38·3	44·6	35·7	WSW	4·0	SW	3–4	10	9	10	·502	Snow clear to 1000 ft.
23	·451	·390	·438	·458	·406	40·0	39·2	41·2	39·9	46·2	45·0	45·2	44·0	44·8	42·2	48·2	38·2	SW	1·0	SW	0·4	10	10	7	·634	
24	·327	·327	·322	·317	·322	42·6	42·2	42·3	41·9	48·3	46·1	48·2	46·1	49·6	45·9	51·0	41·0	SW	0·6	SW	3·0	10	10	8	·480	Snow clear to 1500 ft.
25	·610	·633	·730	·785	·802	42·3	41·4	43·3	42·7	45·0	43·2	42·2	40·4	39·5	37·9	50·7	42·0	WNW	0·3	SW	0·2	10	9	6	·330	
26	·437	·429	·400	·388	·430	46·8	44·1	47·8	45·4	54·5	52·1	50·1	48·9	47·3	46·1	55·7	38·7	SW	3·0	SW	0·3	10	9	9	·386	
27	·439	·443	·480	·498	·524	46·4	45·4	46·4	45·4	48·6	47·0	46·0	45·7	45·0	44·7	52·7	46·4	SW	0·3	NW	0·2	10	9	10	·497	
28	·878	·916	30·022	30·147	30·158	39·5	36·7	39·9	36·9	43·0	41·9	39·0	34·8	35·9	33·9	49·3	38·7	W	0·5	NW	0	2	7	8	–	Snow to 1500 ft.
29																										
30																										
31																										
Means.	29·401	29·403	29·411	29·437	29·441	36·4	35·5	37·4	36·2	41·8	39·4	39·7	38·2	38·9	37·5	44·4	33·7		0·65		0·79	7·5	8·4	7·7	12·101	

MARCH 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·264	30·261	30·192	30·134	30·104	29·9	28·8	31·9	30·3	41·0	35·8	36·7	32·8	35·1	31·8	41·8	29·5	SE	0	SSW	0·6	2	4	6	–	∞.
2	29·972	29·958	29·878	29·812	29·764	37·5	32·8	37·6	33·0	40·8	36·3	40·6	36·5	40·5	37·8	41·8	31·0	SSW	3·0	SW	2·0	10	8	10	–	
3	·593	·567	·482	·413	·371	40·3	37·7	40·1	37·9	43·1	40·2	41·0	38·2	42·0	38·5	44·3	37·5	SSE	0	E	0·3	9	10	9	–	
4	·460	·469	·553	·614	·653	40·2	38·2	40·5	38·4	44·5	40·9	40·2	38·1	38·0	36·9	45·3	40·0	SE	0·5	NE	0·6	10	10	9	–	
5	·618	·622	·581	·560	·571	35·9	33·1	37·0	34·3	40·1	34·9	34·4	31·3	31·4	29·6	42·1	35·7	ENE	0·7	NE	0·3	6	8	0	–	
6	·616	·684	·763	·804	·865	37·0	33·8	38·0	34·4	43·6	38·2	38·4	34·7	32·5	30·8	45·6	31·5	SE	0·6	S	0	8	8	0	·020	Fine afterglow 18h–19h.
7	·860	·856	·820	·834	·812	38·0	37·0	39·5	38·7	45·3	43·2	43·0	40·2	42·0	39·9	47·3	30·8	NW	0·3	NW	0	9	9	8	·080	
8	·840	·856	·904	30·010	30·096	36·4	35·8	37·3	36·1	40·0	37·7	36·7	32·8	33·7	30·1	43·8	36·1	SE	0	NE	1·0	8	6	0	·021	
9	30·257	30·262	30·256	·282	·306	29·7	28·3	32·2	29·8	42·6	36·4	38·2	31·9	38·0	36·0	43·8	27·5	SE	0	SW	0·2	7	3	9	–	
10	·420	·420	·425	·441	·478	34·7	33·5	36·7	35·1	45·6	41·1	42·0	39·0	41·3	38·3	46·2	32·0	SW	0	W	0·5	0	8	10	–	
11	·507	·510	·522	·512	·542	39·0	37·7	40·1	38·8	47·0	42·4	44·5	41·7	43·0	40·9	47·8	36·2	SW	0·2	SW	0	10	9	9	–	
12	·571	·575	·585	·593	·612	41·1	38·9	42·0	39·9	46·6	43·0	45·5	42·2	42·5	40·4	48·8	40·0	SW	0	S	0	10	8	9	–	
13	·636	·636	·611	·609	·629	38·8	38·0	40·0	39·1	50·4	43·9	44·2	40·0	37·1	35·6	51·5	38·5	SSW	0	Calm	0	8	2	0	–	∞ in afternoon.
14	·638	·634	·600	·561	·551	30·7	29·9	32·0	31·1	44·0	40·4	43·0	40·4	42·0	40·9	45·4	29·4	ENE	0	NW	0	3	9	9	–	∞ in morning.
15	·401	·395	·325	·290	·230	41·5	39·9	42·5	40·9	48·6	44·9	44·0	41·7	41·0	39·4	49·7	31·8	WSW	0·2	SW	1·0	10	3	2	·210	
16	·244	·241	·218	·170	·101	40·0	38·7	41·0	39·3	46·1	42·2	42·5	40·0	44·0	40·9	46·8	38·8	SW	1·0	WNW	2·0	9	9	9	·800	
17	29·613	29·603	29·450	29·405	29·422	44·2	42·9	44·6	41·9	[46·0	43·5]	42·8	38·9	42·0	38·1	46·2	38·8	WNW	2·0	NW	2·5	10	[9]	5	·230	Snow to 1200 feet.
18	·618	·640	·807	·961	30·020	35·9	33·6	37·0	34·1	41·8	37·1	37·9	34·8	34·9	32·8	43·4	35·8	NE	0·5	SE	0·3	4	7	0	·015	Snow to 900 feet.
19	30·022	30·010	·890	·767	29·762	35·5	33·6	36·7	34·8	41·0	40·5	45·0	44·4	35·9	35·0	45·3	33·2	SW	0·7	SW	1·0	10	10	10	·250	
20	29·506	29·508	·506	·533	·574	48·0	44·1	46·5	43·1	43·1	38·7	40·1	35·9	38·0	34·3	49·8	36·2	NW	3·5	NW	1·5	8	10	7	·101	Hail 14h–18h.
21	·690	·700	·776	·794	·814	34·1	32·8	34·1	32·0	38·9	33·8	38·2	33·8	38·0	34·3	42·1	32·2	NW	0·3	WNW	1·0	9	3	10	·035	Snow to Sea Level in morning.
22	30·030	30·055	30·157	30·229	30·307	31·4	30·9	32·7	31·9	43·0	37·9	39·0	35·0	32·0	30·3	43·8	31·3	SE	0	SE	0·3	0	1	0	–	
23	·353	·344	·256	·165	·125	26·5	25·3	30·7	28·3	43·1	38·8	41·0	36·9	41·0	37·9	43·8	24·0	SE	0	SW	0·5	2	7	10	·140	∞ in morning.
24	29·920	29·908	29·942	·060	·131	41·1	40·3	41·9	40·9	46·5	45·1	44·5	42·4	42·1	40·9	47·7	29·7	W	1·5	SW	0	10	9	7	·120	
25	30·060	30·019	·896	29·864	29·870	39·3	38·2	40·4	38·9	44·1	41·9	42·1	42·0	43·5	43·4	44·8	34·5	WSW	1·0	SW	0·4	10	10	9	·342	
26	29·687	29·627	·351	·215	·141	39·0	38·9	40·1	39·9	48·7	47·1	45·0	44·0	44·0	43·9	48·7	38·2	SW	0	SW	1·5	10	10	10	·202	
27	·653	·687	·940	30·056	30·140	42·0	35·9	42·1	37·2	41·9	37·5	42·1	37·0	40·0	36·9	45·0	40·0	NW	1·0	NW	0·5	8	5	1	·035	
28	30·210	30·192	30·074	29·960	29·832	38·9	38·0	40·8	39·7	47·6	43·1	44·2	40·3	43·0	40·9	48·4	34·7	WSW	0	SW	1·5	9	9	10	1·020	
29	29·694	29·712	29·836	·968	30·068	41·0	40·1	41·0	40·1	40·0	38·9	37·8	36·9	37·8	36·1	45·0	40·5	ENE	0	NE	0·3	10	10	10	·230	Fresh snow to 1000 ft.
30	30·336	30·350	30·351	30·366	·371	33·0	31·7	35·1	33·0	46·6	39·9	43·1	38·7	36·0	32·9	47·5	31·7	SE	0	NE	0·2	0	1	1	–	∞ at 21h. Very fine day.
31	·132	·113	29·823	29·711	29·600	40·2	37·4	41·0	37·9	41·1	40·7	43·6	43·0	44·0	43·9	43·8	35·0	W	2·0	WNW	2·0	10	10	10	·920	
Means.	30·014	30·013	29·993	29·990	29·995	37·4	35·7	38·5	36·5	44·0	40·2	41·3	38·2	39·2	37·1	45·7	34·3		0·60		0·71	7·4	7·3	6·4	4·771	

APRIL 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·709	29·704	29·720	29·752	29·712	39·0	36·0	40·0	36 0	40·5	37·2	34·9	32·8	34·9	33·8	45·0	38·7	NW	0	WSW	1·5	1	5	3	·270	Snow to Sea Level—1 inch.
2	·873	·897	30·007	30·058	30·090	35·9	32·4	37·8	33·6	42·2	38·9	40·8	38·7	39·0	37·5	44·7	30·7	NW	1·3	WSW	1·0	9	5	5	·182	
3	30·150	30·154	·128	·086	·070	40·3	39·7	40·3	39·7	46·6	43·9	44·8	43·6	43·0	40·9	47·5	35·7	WSW	1·0	S	0	9	9	9	·080	
4	29·968	29·958	29·897	29·857	29·832	41·7	37·7	44·0	39·9	50·2	42·9	45·1	38·9	40·0	35·8	50·7	39·8	SW	0·5	SW	0·5	2	7	8	–	
5	·639	·607	·470	·360	·281	40·1	36·8	41·3	36 9	42·4	32·6	41·0	35·9	40·2	35·3	46·0	37·2	S	0·5	E	1·0	10	8	7	–	
6	·295	·307	·303	·394	·513	44·2	39·7	45·0	39·9	47·6	42·7	46·8	41·8	43·0	40·4	48·5	37·2	SE	1·5	E	1·0	8	9	8	–	
7	·709	·713	·775	·820	·862	45·5	40·9	46·4	41·7	50·1	42·9	46·4	40·0	41·0	38·1	51·9	40·8	ENE	1·0	SE	0·5	0	1	0	–	
8	·906	·890	·862	·852	·872	34·9	32·8	40·0	36·6	48·6	41·7	45·9	41·8	37·2	34·9	49·0	31·6	ENE	1·0	E	0·3	0	6	1	–	
9	·844	·816	·762	·746	·714	37·9	36·0	39·8	37·4	47·4	41·0	45·1	40·5	40·0	38·9	49·5	33·1	E	0·1	NE	1·0	5	7	10	·085	
10	·754	·754	·776	·786	·800	40·8	39·9	42·3	41·0	43·8	42·9	45·8	43·8	41·0	39·9	46·6	39·4	NE	1·5	NE	1·0	7	10	10	·110	
11	·834	·860	·890	·937	·968	43·9	41·4	43·9	41·4	49·8	44·6	46·4	42·9	42·6	40·6	50·7	38·9	NNE	2–3	NE	1–2	9	9	10	–	
12	30·021	·995	·964	·967	·992	42·0	38·9	44·3	41·1	47·9	43·7	44·8	41·9	41·0	39·7	49·7	36·1	NNE	0·5	N	1–2	1	8	10	–	
13	·022	30·020	·980	·980	·984	40·0	37·6	42·8	39·5	51·3	[45·0]	49·0	43·2	44·0	40·9	54·5	35·5	NE	0·5	NE	0	0	3	10	–	
14	29·964	29·957	·987	·901	·916	40·2	38·5	41·7	39·5	48·1	43·9	46·0	42·5	43·4	40·8	50·2	39·5	NE	0·2	S	0·1	10	10	10	–	
15	·904	·902	·863	·850	·870	40·5	39·5	41·5	40·4	47·6	43·4	48·2	42·7	41·0	38·3	49·7	39·8	N	0–1	E	0·1	10	10	1	–	∞ at 21h.
16	·990	·986	·998	30·028	30·092	35·9	34·6	41·0	38·4	54·5	45·9	51·8	44·7	43·0	39·9	55·6	30·7	NW	0	E	0	0	2	0	–	∞.
17	30·132	30·104	30·036	·057	·057	38·0	35·5	40·0	37·1	54·1	[50·0]	52·1	48·3	48·7	46·8	57·5	31·4	SW	0·1	WSW	0–1	0	0	7	–	
18	·138	·150	·187	·213	·221	47·8	46·7	48·6	45·2	53·3	49·8	50·6	46·2	47·1	43·9	54·5	40·0	WSW	0·5	NNE	0·5	9	3	4	–	
19	·202	·180	·135	·032	29·972	46·7	45·1	47·0	44·9	55·3	50·4	54·1	50·0	52·1	48·0	55·5	43·8	SW	2·0	SSW	2–3	10	7	8	·180	
20	·046	·035	29·960	29·828	·830	47·5	39·5	51·6	46·9	50·5	47·6	49·1	48·7	49·4	48·9	54·7	46·8	SSW	1·0	W	1·0	8	10	10	1·000	
21	29·767	29·746	·747	·737	·758	49·5	49·1	48·7	48·5	49·1	48·7	47·1	46·8	45·8	45·3	51·6	47·5	SSW	0·8	SW	0·4	10	10	8	·490	
22	·668	·647	·618	·561	·572	46·5	45·3	47·1	45·9	50·0	46·9	47·9	45·3	45·1	38·5	51·5	44·9	WSW	0·5	WSW	0·4	9	7	9	·030	∞ in afternoon.
23	·580	·580	·566	·550	·582	44·8	41·9	48·2	43·9	52·9	45·5	50·9	45·9	41·1	39·0	54·7	43·3	ENE	0	NE	0·1	7	6	0	–	
24	·395	·363	·216	·220	·172	47·1	42·9	47·6	43·2	48·1	44·3	43·2	40·7	46·2	45·9	51·6	34·5	SSW	0·3	SE	0	8	10	10	·300	
25	28·926	28·936	28·933	28·934	28·985	51·1	48·3	49·6	46·8	51·8	51·0	50·3	47·2	48·1	46·1	56·7	46·0	SW	0·2	SW	0	10	5	10	·380	
26	29·247	29·270	29·375	29·390	29·424	47·1	45·5	47·2	46·2	51·9	48·9	53·9	49·7	48·1	45·9	55·7	46·7	SW	0·3	WSW	0 5	10	7	9	·280	
27	·520	·528	·600	·630	·604	45·8	44·0	47·2	45·1	48·6	43·9	49·4	46·4	44·0	42·0	56·1	44·8	SW	1·0	NE	0	10	8	9	·150	
28	·473	·486	·410	·412	·438	50·1	44·9	49·1	45·7	54·0	47·8	50·1	46·5	51·1	47·0	54·8	44·0	SW	0	SW	0·3	10	10	9	·010	
29	·563	573	·610	·663	·723	51·1	45·4	52·2	45·9	54·5	48·9	54·1	48·9	49·1	45·4	56·0	47·9	SE	0	SW	0·5	8	10	8	–	
30	·820	·826	·770	·717	·697	46·5	45·7	47·4	45·9	55·2	50·0	54·1	48·9	47·5	44·3	59·9	45·8	SW	0·3	NE	0	9	7	1	–	
31																										
Means.	29·769	29·765	29·752	29·744	29·753	43·4	40·7	44·8	41·8	49·6	44·9	47·7	43·8	43·9	41·4	52·0	39·6		0·65		0·59	6·6	7·0	6·8	3·547	

MAY 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·543	29·549	29·490	29·458	29·467	49·6	45·8	50·1	46·1	48·3	46·0	44·4	43·2	44·0	42·9	54·6	43·8	SSE	2·0	SE	0	10	10	9	·295	
2	·521	·551	·583	·640	·725	47·2	45·8	47·5	46·1	35·3	48·8	51·7	47·9	49·8	45·5	58·3	42·8	NNE	0·3	NE	0·5	9	6	9	·040	
3	·823	·843	·895	·901	·921	50·4	46·4	49·3	44·5	49·0	44·7	44·8	41·3	42·0	39·9	52·3	45·8	NE	0·5	NE	1·0	9	10	10	·041	
4	·845	·841	·803	·762	·766	44·2	41·0	43·2	40·9	44·0	41·1	43·7	40·8	42·8	35·6	48·5	38·9	ESE	1·0	SE	0·5	8	10	1	·010	
5	·692	·668	·620	·601	·602	38·9	37·4	40·5	38·4	41·0	38·9	41·5	38·5	38·0	36·3	48·8	32·8	NW	0	NE	0·8	9	10	3	·020	Snow to 1000 feet.
6	·564	·564	·547	·553	·573	39·0	35·8	40·9	36·7	42·8	38·8	41·1	30·1	39·0	36·0	46·2	31·8	NE	0·5	ESE	0·3	5	9	1	·040	Snow showers during day above 1000 ft.
7	.637	·640	·645	·671	·717	39·0	36·8	40·0	36·3	47·0	40·9	46·2	40·1	40·0	36·8	48·6	31·8	Calm	0	WNW	1·0	10	3	0	–	Snow showers to Sea Level.
8	·744	·742	·744	·694	·663	40·5	38·0	42·1	39·1	40·1	39·1	42·5	40·4	38·0	36·8	46·4	35·7	NW	0·5	NW	1·0	8	10	10	·211	
9	·669	·676	·597	·521	·528	41·2	37·4	43·9	39·4	47·2	40·2	42·0	40·7	34·9	34·8	49·5	34·7	NW	0·5	SE	0·2	6	10	9	·305	In afternoon snow lay to 800 feet.
10	·709	·717	·793	·862	·907	39·9	37·7	41·5	38·9	46·2	42·0	43·0	40·1	41·4	39·0	49·1	32·7	NW	0	ENE	0·5	5	8	4	·025	Snow in morning to 1200 feet.
11	30·097	30·105	30·150	30·170	30·193	45·0	39·9	45·5	39·9	48·1	40·2	46·4	39·9	40·0	36·8	49·5	38·8	N	0·5	SSW	0	9	8	0	·010	
12	·118	·097	·038	29·940	29·913	39·6	38·4	40·5	39·9	44·2	40·2	44·4	42·0	40·8	39·5	47·4	31·7	NW	0·5	NW	0	10	10	9	·130	
13	29·904	29·904	29·901	·907	·913	44·0	41·9	47·5	43·1	53·7	45·4	46·9	44·8	43·0	40·1	57·6	33·7	NE	1·0	E	0·3	2	9	3	·165	
14	·832	·832	·846	·876	·888	41·9	40·8	43·0	41·4	46·3	43·7	46·1	43·4	42·5	41·4	50·3	36·8	SW	0·3	SE	2·0	9	10	4	·110	
15	·806	·794	·709	·657	·592	42·0	41·7	43·2	42·9	48·1	45·9	47·1	44·3	44·5	42·9	52·6	38·8	WSW	0·3	SW	0·7	10	9	10	·321	
16	·636	·637	·647	·680	·739	44·1	42·9	47·6	43·9	51·3	46·9	50·9	45·9	47·0	44·0	54·0	36·7	WSW	0·1	NW	1·0	9	7	9	–	Fresh snow to 1200 ft.
17	·892	·892	·942	·968	·980	47·3	43·9	47·3	44·0	49·9	45·9	45·5	42·4	42·5	39·7	52·7	42·3	E	1·0	SE	0·5	9	9	9	·045	
18	30·016	30·013	30·005	·984	·968	41·3	39·0	43·0	40·0	48·0	42·8	45·0	41·4	42·1	40·0	49·6	40·3	ENE	0	SE	0·3	9	10	10	·010	Fresh snow to 1800 ft.
19	29·896	29·878	29·806	·741	·691	42·6	40·0	45·8	41·9	51·4	45·1	49·5	44·3	45·1	43·0	51·7	39·6	ENE	0	SE	0·3	7	7	9	·035	
20	·430	·414	·393	·330	·306	47·6	43·9	47·9	43·9	47·9	44·0	46·3	44·0	44·8	42·1	50·2	44·8	NE	0	SSE	1·0	10	10	10	·100	
21	·188	·180	·148	·158	·155	43·5	42·5	45·1	43·1	50·1	46·5	45·3	44·4	43·5	43·1	51·7	42·8	NE	0·3	NW	0	10	9	10	·260	
22	·192	·190	·269	·327	·371	46·2	45·0	50·6	47·1	48·1	46·4	47·3	45·7	45·1	43·4	51·6	42·8	SW	0	N	0	9	10	5	·106	
23	·473	·471	·525	·596	·644	45·4	43·1	48·6	45·4	49·6	46·9	48·7	47·1	47·1	45·9	57·8	35·7	NE	0	NW	0	6	10	10	·100	
24	·796	·808	·857	·866	·880	48·7	45·9	49·2	45·9	55·9	49·1	53·6	43·4	49·6	45·9	56·6	46·7	NW	0	NNW	0·5	9	8	8	·020	
25	·877	·865	·838	·804	·812	48·0	45·0	49·1	46·4	49·6	47·9	52·5	47·5	45·2	43·1	56·3	44·8	SW	0·3	SW	0·3	9	10	0	·070	
26	·810	·807	·768	·767	·792	46·1	44·0	49·1	46·0	38·2	52·9	53·1	50·5	49·6	48·9	59·5	36·8	NW	0	NW	0·5	8	5	9	·063	
27	·724	·723	·690	·650	·642	49·6	48·9	49·6	48·8	52·6	52·0	57·3	54·1	53·1	50·1	60·1	45·7	NW	0	NW	1·0	10	10	7	·287	
28	·500	·535	·508	·477	·510	53·1	51·4	53·5	51·4	62·6	55·4	58·8	52·9	53·6	50·3	64·6	49·5	SW	0·5	SW	2·0	10	6	9	·070	
29	·567	·556	·541	·559	·632	54·5	50·4	50·6	49·0	51·0	49·9	41·8	41·3	47·0	45·4	61·7	50·5	SW	1·8	SW	0·5	9	10	9	·390	
30	·686	·688	·741	·741	·751	46·0	44·9	47·0	45·9	48·3	47·7	49·1	47·9	48·6	46·9	49·7	46·0	W	2·5	WNW	1·5	10	10	10	·830	
31	·865	·885	·967	30·010	30·057	50·2	47·9	50·7	48·0	53·3	49·7	54·1	49·9	51·8	47·6	56·0	45·1	NW	1·5	W	1·0	9	8	6	·025	
Means.	29·711	29·712	29·710	29·706	29·719	45·1	42·7	46·2	43·4	48·0	45·3	47·1	44·0	44·4	42·1	53·0	40·0		0·51		0·62	8·5	8·7	6·8	4·134	

JUNE 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).			Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·212	30·219	30·232	30·212	30·218	50·4	47·5	52·6	49·7	55·1	51·1	56·3	51·0	50·8	50·6	60·6	47·4	W	0	NW	0·3	9	9	8	·152	
2	·067	·033	·046	·029	·030	50·4	50·1	51·7	51·5	57·4	55·0	54·7	52·9	50·4	50·2	58·8	48·7	NW	0·5	W	0	10	9	10	·540	
3	29·866	29·850	29·786	29·724	29·717	51·7	51·5	51·9	51·7	59·2	56·7	55·6	55·0	51·6	51·4	63·6	49·8	WSW	0·5	SW	0	10	7	10	·545	
4	·714	·714	·723	·604	·551	52·1	51·4	52·7	51·0	56·9	56·9	56·2	54·8	54·5	54·5	58·3	49·8	NW	1·0	NW	0·5	8	9	8	·360	18h upper current S.
5	·491	·505	·670	·698	·807	51·9	51·1	52·3	51·5	54·2	49·9	55·7	45·5	50·1	49·9	57·6	51·7	W	1–5	NW	1·0	8	8	9	·023	
6	·995	30·018	30·030	30·010	·996	49·6	46·0	50·1	46·0	55·4	48·9	55·3	50·4	48·1	47·9	59·0	45·8	SW	0	SW	0	9	4	0	–	
7	·924	29·910	29·867	29·860	·897	52·1	47·9	55·0	49·9	63·2	56·0	60·9	54·0	53·7	53·6	66·2	38·7	NW	0	S	1·0	1	1	1	–	
8	·972	·970	·941	·972	30·027	50·6	47·0	54·4	48·9	65·8	56·4	61·7	55·0	55·5	51·6	67·8	41·3	NW	0	SE	0	0	3	3	–	
9	30·086	30·086	30·157	30·195	·272	50·1	44·9	52·1	45·5	56·3	50·1	56·6	49·2	48·0	43·9	62·8	46·8	NW	1·3	NW	0	1	3	1	–	
10	·375	·380	·351	·302	·308	49·0	43·8	51·1	45·1	57·3	50·9	57·0	50·2	50·9	46·7	59·4	40·3	NE	0	NW	0·3	1	7	8	–	
11	·282	·280	·283	·267	·259	50·3	46·9	51·4	48·8	51·2	50·4	52·1	51·9	54·1	53·8	[57·0]	48·8	NW	0·3	SW	0·8	9	10	9	·185	
12	·207	·200	·178	·168	·161	54·1	53·8	55·8	53·9	61·4	56·9	58·8	55·5	53·2	51·9	62·3	52·9	WSW	1·2	SW	0·6	7	5	9	·045	
13	·154	·154	·161	·143	·161	51·9	50·7	52·1	51·9	56·7	55·0	57·1	54·3	53·1	51·0	61·8	51·7	WSW	1·0	NW	0	10	10	9	–	
14	·199	·199	·203	·203	·225	55·3	51·4	55·9	55·0	58·4	51·4	56·9	49·9	51·5	48·3	61·5	47·9	SW	0	W	0·1	5	6	7	–	
15	·206	·206	·174	·161	·167	53·1	48·4	52·9	46·4	58·0	50·0	59·7	52·4	52·1	48·3	61·8	44·8	NW	1·0	NE	0	7	8	9	–	
16	·085	·075	29·981	29·911	29·938	52·1	49·1	54·6	50·5	61·4	53·6	61·8	55·4	55·4	50·9	67·4	42·8	NW	0	SW	0	9	9	9	–	
17	29·902	29·902	·877	·866	·874	52·0	49·4	54·2	50·9	53·9	49·4	52·3	49·9	50·1	47·9	62·8	47·8	NW	0·5	WSW	0–1	8	9	10	·070	
18	·781	·765	·608	·485	·490	49·3	48·5	50·9	49·9	51·2	50·7	53·7	53·3	52·3	51·9	54·7	48·0	W	0·3	SW	1·0	10	10	10	·405	
19	·578	·575	·511	·346	·251	51·9	49·5	52·1	49·2	50·1	49·1	51·1	50·8	50·6	50·4	54·7	50·3	WNW	0·3	W	0·5	9	10	10	·465	
20	·225	·227	·278	·456	·555	50·7	48·9	52·0	50·1	55·2	52·2	54·1	48·6	49·9	45·9	58·8	49·7	SW	0·3	NW	1·0	10	9	9	·183	
21	·760	·774	·854	·921	·931	49·2	45·9	51·1	46·9	55·0	49·6	53·9	50·3	50·6	48·9	57·5	47·8	NW	1·0	SW	1·0	9	9	10	·050	
22	·822	·800	·696	·740	·824	49·4	47·4	50·3	48·4	51·2	50·9	51·2	47·9	48·1	44·8	54·3	47·9	W	1–5	NW	0·3	10	10	3	·116	
23	·922	·910	·922	·921	·963	48·0	46·9	49·2	46·9	55·1	49·9	54·3	50·6	48·7	46·9	55·1	45·6	NW	1·0	SW	0·3	9	5	1	·030	
24	·992	·988	·984	30·020	30·072	48·5	46·9	50·3	47·8	58·6	52·1	55·5	51·1	50·1	46·9	59·8	43·8	N	0	NNW	0·5	10	5	0	–	21h–20m–25m supposed earthquake.
25	30·190	30·190	30·206	·230	·296	51·1	47·9	53·0	49·0	62·9	54·8	61·4	54·0	53·6	44·2	65·8	36·9	NE	0	N	0·2	1	3	1	–	
26	·346	·343	·324	·334	·358	51·4	49·0	55·0	50·1	60·2	55·0	59·9	59·1	52·5	47·9	64·4	42·8	NW	0	S	0	7	8	9	–	
27	·360	·360	·316	·292	·302	55·2	50·1	57·2	53·6	64·0	60·0	63·1	60·1	57·8	56·2	66·8	51·2	NW	1·5	W	0	0	7	9	–	1h–25m Earthquake: Window shook; Slates in school rattled. Felt generally in F.W.
28	·216	·206	·136	·072	·068	61·0	59·4	63·7	61·7	68·9	63·2	64·9	60·4	59·6	58·0	72·0	55·7	NE	0	WSW	0·1	9	7	10	·040	
29	·082	·082	·105	·094	·108	55·4	51·9	55·8	50·9	60·4	53·1	59·3	52·9	51·6	47·9	65·8	54·5	NNW	1·5	NNW	1–5	5	3	1	·020	
30	·096	·096	·096	·084	·099	52·1	47·9	53·1	48·5	58·2	51·9	57·5	51·1	52·3	48·0	61·6	48·3	NW	0·7	NNW	0·3	10	9	9	·010	
31																										
Means.	30·004	30·001	29·990	29·977	29·998	51·7	49·0	53·2	50·0	57·8	52·9	57·0	52·6	52·0	49·7	61·3	47·3		0·66		0·44	7·0	7·1	6·7	3·239	

JULY 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·039	30·037	30·061	30·089	30·122	48·7	48·4	50·8	50·4	61·0	55·1	60·9	55·3	54·9	51·5	63·9	48·3	WSW	1·0	WNW	0·3	10	7	2	–	
2	·138	·139	·133	·109	·113	53·2	51·5	54·1	52·0	60·1	56·0	58·2	54·9	54·2	52·3	62·1	50·7	WNW	1·0	SW	0·3	10	1	9	–	
3	·099	·099	·117	·100	·107	53·1	52·8	53·6	53·1	56·0	55·1	55·0	54·9	53·3	53·1	58·8	51·7	WNW	1·0	W	0·5	10	10	10	·055	
4	·178	·186	·189	·183	·186	52·6	51·1	52·6	51·7	56·1	55·1	55·1	54·9	53·1	52·5	59·7	50·7	W	0·5	WSW	1·0	10	10	10	·198	
5	·115	·115	·082	·056	·071	53·2	53·0	53·1	52·9	55·8	55·1	55·0	55·0	53·1	52·9	58·1	52·7	SW	1·0	SW	1·0	10	10	10	·472	
6	·078	·072	·022	29·930	29·865	55·0	55·0	53·3	53·1	61·1	59·2	59·8	58·1	56·0	55·2	64·3	53·2	SW	0·3	SW	1·0	10	9	10	·390	
7	29·759	29·756	29·771	·764	·746	54·5	54·5	55·0	55·0	56·0	55·8	55·0	54·1	54·0	52·0	61·3	49·8	SW	0·7	SW	0·5	10	10	10	·270	
8	·790	·802	·892	·930	·980	51·6	49·5	53·2	51·0	52·6	49·9	52·2	50·2	51·1	48·5	58·9	45·0	WNW	1·5	SW	1–2	9	10	8	·190	
9	·970	·970	·981	.975	·977	53·9	50·4	54·5	50·9	56·0	52·9	54·1	53·1	55·0	53·4	57·8	46·3	WSW	1–2	SW	1·0	10	10	10	·073	
10	·985	·999	30·033	30·017	30·029	54·9	53·9	54·2	53·6	55·1	55·0	55·8	55·8	54·3	54·1	63·4	53·3	SW	0·8	SW	0·5	10	10	10	·470	
11	·843	·819	29·685	29·794	29·880	56·0	55·1	56·5	55·5	58·8	58·0	51·1	49·9	49·3	47·8	60·2	52·8	SW	0	WNW	1·0	10	10	9	·360	
12	·976	·976	·996	·995	30·020	48·6	47·4	52·1	49·9	55·5	52·9	53·1	49·9	44·0	43·5	57·8	48·0	SW	0·3	SW	0·3	9	8	6	·234	
13	30·028	30·025	30·039	30·058	·063	50·1	49·0	55·0	52·1	60·9	55·0	55·9	50·9	53·4	49·9	62·9	45·3	WNW	0·2	WSW	1–3	9	7	8	–	
14	·169	·169	·152	·120	·062	51·1	48·7	52·2	49·7	53·6	49·9	55·0	54·2	44·0	43·0	56·5	45·8	SW	0	SW	0·5	10	10	10	·430	
15	29·867	29·867	29·902	29·917	29·940	53·1	52·9	53·3	52·9	53·6	51·8	52·1	50·9	50·2	49·3	58·2	48·7	WSW	1·0	SW	0·5	10	9	10	·110	
16	·929	·929	·888	·868	·861	52·3	51·0	51·6	50·9	54·0	51·9	50·1	49·2	49·1	48·0	54·7	48·8	WNW	0·3	W	0	9	10	10	·295	
17	·871	·871	·890	·897	·886	50·1	48·9	52·3	50·8	58·0	52·2	55·8	51·2	51·6	48·8	58·8	48·2	W	0	SW	0	9	9	9	·015	
18	·761	·742	·667	·635	·632	53·9	50·9	55·5	52·3	57·5	53·3	55·9	53·8	53·3	51·3	59·9	45·7	N	0	SW	0	9	10	10	·050	
19	·742	·751	·767	·743	·768	51·6	49·7	54·1	49·9	58·0	52·7	56·4	52·6	50·1	48·0	60·4	44·8	NW	0·3	SSW	0·1	9	7	0	–	
20	·883	·896	·962	·996	30·100	54·5	51·1	58·0	53·3	61·1	55·2	60·7	54·2	53·3	50·0	64·8	43·1	NE	0	S	0	1	4	3	–	
21	30·316	30·322	30·348	30·346	·385	55·0	51·3	59·1	54·4	65·4	58·6	68·9	59·9	55·0	52·9	70·9	44·3	E	0	S	0	0	0	0	–	
22	·390	·387	·364	·358	·376	57·5	55·0	60·9	58·1	66·9	62·2	64·9	61·4	61·1	59·5	70·8	52·7	NW	0-3	W	0	9	9	9	–	
23	·370	·365	·319	·292	·312	59·3	57·9	60·9	58·8	68·8	64·2	66·3	63·0	58·4	57·6	70·4	56·7	SSW	1·3	NW	0	4	2	0	–	At midnight mist to within 100 ft. of sea.
24	·300	·296	·250	·230	·244	58·9	58·1	59·9	59·1	72·9	63·8	69·3	64·6	64·7	62·0	76·7	55·7	NE	0	Calm	0	9	1	10	–	
25	·253	·252	·253	·262	·287	63·9	61·2	64·4	62·2	62·8	62·1	59·4	59·4	58·0	58·1	71·2	61·7	W	0·3	W	0	9	10	10	·119	
26	·341	·340	·341	·361	·373	56·6	56·0	58·0	56·8	62·9	59·3	59·1	57·0	56·0	54·1	64·9	56·7	WSW	0·1	NE	0·1	10	9	7	–	
27	·370	·393	·370	·353	·411	59·5	56·6	61·7	58·1	69·4	66·3	68·7	61·8	57·1	54·9	72·4	51·6	NE	0	SW	0·3	1	1	0	–	
28	·454	·450	·404	·358	·393	55·2	53·9	61·2	58·1	72·0	62·0	69·9	62·5	60·9	56·5	75·8	47·3	NE	0	E	0	0	0	0	–	
29	·392	·385	·361	·338	·348	57·3	54·9	63·9	58·1	71·9	63·7	70·5	64·0	60·0	56·1	73·4	48·8	NW	0	E	0·3	0	0	0	–	
30	·360	·352	·321	·284	·297	55·5	54·0	59·1	56·9	71·4	63·7	70·9	62·7	59·5	57·1	74·3	48·8	E	0	SE	0	0	0	0	–	
31	·308	·303	·241	·226	·236	57·1	55·5	60·4	57·6	78·9	66·3	71·8	65·2	60·9	57·2	79·3	50·2	NE	0	SE	0·3	0	0	0	–	
Means.	30·099	30·099	30·090	30·083	30·099	54·4	52·9	56·3	54·1	61·5	57·2	59·6	56·3	54·5	53·6	64·6	49·9		0·47		0·42	7·3	6·5	6·5	3·731	

AUGUST 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).			Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·238	30·235	30·178	30·153	30·211	59·0	56·8	65·4	60·7	76·9	65·2	71·9	65·4	58·4	56·0	79·9	50·5	N	0·3	NNE	1–2	0	2	2	–	
2	·180	·176	·163	·099	·133	57·0	53·3	65·8	55·3	64·9	57·9	64·2	53·8	56·0	52·3	73·2	52·7	ENE	1·0	SE	0	10	9	10	–	
3	·091	·080	·075	·103	·141	55·1	52·0	55·7	52·0	55·8	53·0	53·3	49·9	49·6	47·9	64·3	50·7	NE	1·0	SE	1·0	9	9	3	·105	
4	·119	·120	·100	·097	·095	53·0	50·3	55·0	51·3	65·0	55·1	61·7	54·4	54·5	51·9	67·1	47·8	N	1·0	NE	0·7	7	4	4	–	
5	·120	·126	·093	·071	·079	56·1	52·4	57·4	52·9	61·0	56·0	60·2	54·9	51·4	48·2	63·6	48·7	NNE	3–4	NE	1–5	4	1	0	–	
6	·044	·044	29·990	29·958	29·954	53·0	51·3	54·4	52·9	60·5	57·9	59·4	58·1	57·0	56·0	64·1	44·7	NE	0·3	ENE	0·5	9	9	9	·015	
7	29·861	29·840	·755	·745	·750	58·1	57·0	60·9	59·3	73·9	65·5	59·9	58·1	58·8	57·0	74·4	50·7	ENE	0·1	NE	0·3	5	7	9	–	
8	·761	·767	·800	·800	·803	56·0	55·0	56·0	54·0	57·5	55·0	56·5	54·6	54·1	52·4	62·7	54·2	SSW	0	WNW	0	10	10	9	·040	
9	·568	·537	·440	·372	·272	59·0	55·3	58·0	55·2	57·0	57·0	59·6	58·3	60·8	58·1	62·1	54·0	S	0·3	SW	1–2	10	10	10	·768	
10	·202	·185	·076	·005	·091	58·8	54·0	57·0	53·8	54·0	52·9	55·5	55·0	54·1	52·9	62·1	53·9	WSW	0·3	SE	0	9	10	8	1·160	
11	·301	·321	·480	·533	·582	53·3	52·9	53·7	52·9	52·7	49·7	55·1	50·2	50·1	46·8	58·2	50·8	SW	0·5	WNW	1·0	10	9	9	·095	
12	·551	·540	·493	·430	·497	49·9	48·3	53·2	49·9	52·2	48 9	54·2	54·1	47·1	46·3	56·8	47·8	NE	0·3	N	1·0	6	10	10	·570	Snow to 3000 feet.
13	·841	·873	30·000	30·084	30·137	48·1	43·1	49·7	44·7	[53·5	46·0]	56·2	45·9	48·1	43·9	56·1	46·8	NNW	1–5	W	0·5	8	6	4	·061	
14	30·190	30·200	·228	·238	·270	49·9	48·6	50·6	47·9	50·3	49·5	52·9	49·9	50·7	48·9	57·4	43·8	SW	0·2	WNW	0·3	10	10	8	·060	
15	·255	·252	·233	·221	·224	51·4	48·9	53·9	49·9	59·7	55·5	57·6	54·0	55·0	51·9	62·2	45·8	WNW	1·0	SW	0·3	1	7	9	·085	
16	·152	·152	·126	·105	·095	54·1	54·0	54·5	54·2	53·9	55·8	57·3	56·4	56·0	55·1	58·8	53·2	SW	0·5	SW	0	10	10	10	·162	
17	·088	·088	·093	·079	·124	54·0	50·9	55·1	51·8	62·8	56·7	58·5	53·9	51·1	49·3	63·5	52·8	W	0·7	E	0	10	5	3	–	
18	·184	·168	·155	·162	·190	50·9	48·9	53·1	50·1	62·0	55·8	64·9	57·9	55·1	51·9	67·6	43·7	NE	0·3	NE	1·0	6	7	0	–	
19	·205	·194	·145	·125	·135	50·7	48·7	55·2	51·7	68·9	58·9	65·4	58·6	56·0	52·2	71·8	41·8	NE	0	ESE	0	0	3	3	–	
20	·138	·146	·152	·139	·162	53·1	50·3	54·8	51·7	66·2	58·4	64·2	58·6	54·1	51·9	69·3	46·8	NE	1·5	NE	0	1	1	0	–	
21	·087	·089	·025	29·997	·025	53·4	50·9	59·0	54·3	72·0	62·2	68·7	60·1	57·0	55·7	74·8	44·3	E	0	E	0	0	1	0	–	
22	29·980	29·962	29·906	·865	29·917	52·2	51·1	56·2	54·2	65·9	66·2	62·9	59·4	58·1	56·0	71·2	46·8	E	0	E	0·3	9	9	1	–	
23	·901	·899	·885	·887	·910	56·0	53·0	57·4	54·0	66·9	58·4	60·6	57·7	56·0	54·8	68·0	52·0	N	0·5	SW	0·5	9	1	9	–	
24	·959	·963	·985	·995	30·014	55·2	54·0	55·5	54·1	57·3	55·1	56·1	54·2	54·3	53·2	62·7	52·2	W	0	Calm	0	10	10	9	–	
25	30·064	30·065	30·064	30·076	·093	53·6	50·9	56·0	52·5	63·7	57·7	56·2	52·9	53·1	50·1	64·8	51·7	E	1·0	ENE	0·5	9	9	9	–	
26	·130	·134	·100	·103	·111	53·1	49·7	55·0	50·4	60·7	54·1	55·3	51·0	52·3	47·1	62·0	50·2	SE	0·3	S	0·5	8	9	9	-	
27	·126	·121	·070	·072	·088	48·6	44·9	52·5	47·6	60·3	53·0	56·6	50·4	49·2	45·0	62·3	39·9	E	0·3	SE	0·5	5	3	9	–	
28	·109	·101	·080	·079	·107	50·2	45·0	52·6	47·9	59·2	51·7	54·3	48·9	50·1	46·9	60·8	39·8	E	0	SW	0	9	1	10	–	
29	·133	·120	·080	·068	·076	48·6	45·9	51·1	46·7	54·3	49·9	52·6	48·9	48·1	45·9	58·3	45·8	W	0	SE	0·3	10	9	2	–	
30	·091	·091	·050	·040	·052	46·0	43·9	49·3	45·8	56·2	51·2	52·1	47·9	47·2	45·2	58·7	41·7	ENE	0·3	NE	0·3	8	7	2	–	
31	·070	·067	·060	·066	·110	45·2	43·4	49·1	46·0	62·2	55·0	58·2	53·6	47·4	45·0	64·8	36·5	NE	0·5	SE	0	6	2	2	–	
Means.	29·992	29·989	29·970	29·960	29·982	53·0	50·5	55·3	51·8	60·9	55·7	58·8	54·4	53·3	50·8	64·6	47·5		0·65		0·50	7·0	6·5	5·9	3·121	

SEPTEMBER 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).			Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h			14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·142	30·134	30·076	30·053	30·038	42·4	41·2	48·1	47·9	59·2	52·3	55·0	51·7	49·6	46·9	63·8	36·5	NE	0	SE	0	0	3	2	–	
2	29·902	29·880	29·720	29·616	29·562	58·0	51·9	57·2	57·2	55·9	50·2	56·0	52·0	57·0	53·1	59·3	48·0	SW	1·0	S	1–4	9	10	9	·043	
3	·428	·423	·408	·416	·425	56·8	54·2	58·5	58·6	60·8	58·0	56·1	55·0	53·1	52·0	64·6	53·2	ESE	0	Calm	0	9	9	9	·464	
4	·365	·358	·338	·354	·377	53·5	53·0	55·0	55·1	59·8	57·1	56·2	55·2	54·3	54·0	62·8	49·7	SE	0	SW	0	10	9	10	·200	
5	·407	·413	·426	·465	·493	52·5	52·1	53·1	52·9	59·9	57·0	55·6	54·3	53·1	52·3	62·1	50·8	Calm	0	NE	0	10	9	9	·220	
6	·563	·568	·588	·603	·617	52·1	50·8	54·0	53·9	58·0	55·6	56·7	54·8	49·0	48·8	60·7	48·7	WNW	0	Calm	0	8	8	2	–	
7	·629	·628	·634	·697	·722	52·3	50·9	53·8	53·6	60·5	58·5	56·8	54·5	54·0	54·0	67·3	44·2	N	0·1	Calm	0	9	9	7	·020	
8	·649	·633	·498	·454	·419	53·4	51·9	54·1	53·0	49·6	48·8	52·1	51·3	52·1	51·7	61·4	48·7	N	0	W	0·5	9	10	7	·650	
9	·375	·391	·422	·444	·482	50·9	49·0	50·1	49·0	51·1	49·9	50·1	48·4	49·1	48·1	55·5	47·3	W	1·0	S	1·0	10	10	9	1·030	
10	·543	·543	·522	·505	·503	50·1	47·9	50·6	48·4	52·1	50·0	49·9	48·5	48·2	47·1	55·7	47·1	W	0·5	S	0·5	6	9	9	·449	
11	·551	·561	·631	·671	·680	50·1	48·9	50·9	49·7	57·8	52·9	53·1	50·8	50·6	49·9	59·8	47·8	SW	0·5	SW	0·3	10	7	10	·718	
12	·291	·267	·181	·159	·190	54·0	52·1	53·6	52·9	57·7	56·0	57·8	54·4	54·2	50·7	60·2	48·3	SW	1–2	WSW	2·3	10	10	9	1·660	
13	·434	·445	·598	·645	·675	51·5	48·9	52·8	49·7	53·0	50·1	55·0	50·9	53·1	50·8	58·5	50·7	W	3–4	W	2·3	10	10	9	·430	Storm ; highest wind force 7–8 during night.
14	·658	·638	·586	·543	·579	52·1	50·3	53·1	50·9	60·0	55·9	56·1	52·9	53·1	52·9	60·5	51·2	SW	1–5	SW	0	10	3	10	·200	
15	·568	·537	·455	·475	·527	53·1	52·4	53·6	52·9	52·1	51·8	51·0	49·9	50·3	49·2	57·0	52·7	SW	1–2	SW	0·5	10	10	10	·605	
16	·590	·642	·758	·818	·882	50·1	49·8	50·6	49·9	52·7	51·0	50·9	50·3	50·6	49·9	56·8	48·7	WSW	2·0	SW	0	9	8	9	·330	
17	·982	·987	·992	30·010	30·028	50·0	49·4	52·1	50·9	56·9	54·0	51·6	50·3	46·1	45·4	58·3	49·0	SW	0	SW	0	8	9	1	·078	
18	30·048	30·040	·984	29·921	29·831	42·1	41·8	45·4	44·7	54·8	51·9	51·6	50·2	52·1	49·9	57·1	36·2	SSE	0	SW	0·5	9	9	9	·462	
19	29·379	29·429	·555	·663	·712	55·0	54·5	54·1	52·4	54·8	51·6	49·6	47·9	49·1	47·9	58·8	45·3	WSW	5–6	W	3·0	10	8	3	·120	Gale during morning.
20	·820	·812	·754	·587	·788	50·1	47·9	51·1	49·1	54·8	51·6	49·2	48·9	48·5	48·3	57·2	47·8	SW	1·0	SE	0	10	10	9	·821	
21	30·023	30·033	30·078	30·078	30·048	48·2	46·0	50·2	47·2	54·1	50·8	50·3	49·2	51·5	50·9	55·6	47·8	WNW	0	WSW	3–4	10	9	10	·765	
22	·021	·020	29·994	29·934	29·886	52·9	51·8	53·2	52·0	52·6	51·8	52·2	51·9	53·1	52·1	55·7	46·5	SW	2·0	SW	3·0	10	10	10	·712	
23	29·985	·004	30·051	30·036	30·032	49·2	46·5	50·1	47·5	54·4	49·2	50·4	47·8	49·1	46·9	55·7	48·3	SW	0·5	SW	0	7	8	7	·320	
24	30·000	·000	29·968	29·940	29·952	46·0	43·7	46·0	44·4	48·6	45·4	46·3	44·5	42·5	41·9	51·5	44·7	W	0·8	SW	0·3	8	8	6	·235	
25	·035	·040	30·020	·984	·997	44·0	42·4	45·7	43·1	49·6	43·8	43·2	40·8	42·0	39·9	51·1	42·0	NW	0–1	E	0·8	6	9	10	·030	
26	·046	·053	·060	30·078	30·090	40·1	39·0	42·8	41·0	49·3	46·1	44·0	42·0	38·0	37·5	54·5	34·7	NE	0·5	SE	0	9	6	0	·020	Snow on hills to 900 feet.
27	·072	·060	·000	29·956	29·956	30·4	30·3	34·9	32·8	47·6	43·9	45·1	43·2	45·1	43·6	48·9	28·7	ENE	0	S	0·5	9	10	10	·040	
28	29·770	29·758	29·666	·576	·530	47·6	46·4	47·7	46·7	50·4	50·2	50·1	48·9	48·1	47·9	52·7	34·3	WSW	2–5	S	0·3	10	10	10	·585	
29	·636	·640	·698	·683	·628	47·7	44·9	50·3	46·4	54·1	49·3	48·7	46·9	48·1	46·6	54·8	47·3	WNW	0·3	S	1–2	4	7	10	·404	
30	28·952	28·964	28·948	28·920	28·986	51·1	48·9	51·0	48·9	54·2	49·3	46·5	45·3	45·0	43·9	54·7	44·8	SW	5–6	SW	1·0	8	9	8	1·090	
31																										
Means.	29·695	29·697	29·687	29·676	29·688	49·6	48·0	50·8	49·4	54·5	51·5	51·6	49·8	49·7	48·5	57·8	45·7		1·16		0·81	8·6	8·5	7·8	12·701	

OCTOBER 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·117	29·155	29·354	29·505	29·571	50·0	46·8	49·5	46·8	48·6	46·4	47·9	45·4	47·4	44·1	49·7	44·8	WNW	5–6	SW	0·5	10	10	9	·940	
2	.463	·451	·315	28·996	·207	50·4	50·2	50·9	50·5	50·1	48·8	52·1	51·0	46·0	43·9	53·2	46·6	SW	1–2	W	1–5	10	10	8	1·110	
3	·524	·536	·610	29·629	·642	45·0	42·4	45·5	42·9	46·2	43·9	45·3	43·9	44·0	42·9	53·1	44·3	W	1–3	SW	0·6	3	9	5	·399	
4	·539	·502	·307	·250	·195	46·2	44·8	47·0	45·5	40·3	39·3	43·7	42·1	42·1	41·9	51·1	43·3	SW	2–3	SSW	1·0	9	10	10	1·210	Snow to 1500 feet.
5	·285	·285	·305	·359	·400	41·9	41·0	43·0	41·4	45·0	43·0	41·7	40·3	40·6	40·1	48·0	40·3	SW	0·3	SSW	1·0	10	10	10	·565	Snow to 1500 feet.
6	·438	·442	·396	·403	·449	42·8	41·8	44·8	43·7	46·0	44·7	41·4	40·6	41·0	39·9	49·5	40·3	SW	0·3	SW	0·5	8	10	7	·175	
7	·688	·702	·780	·794	·761	46·5	43·5	47·0	44·4	50·1	45·8	46·3	43·2	43·1	42·2	52·0	41·0	WNW	1·0	WSW	0·3	8	8	10	·260	
8	·267	·251	·164	·115	·117	42·8	42·0	43·3	42·9	47·4	45·7	44·9	43·6	44·0	42·9	48·7	42·3	SW	0	W	0·3	10	10	10	·225	
9	·304	·321	·325	·301	·266	44·0	43·8	45·5	44·9	49·9	46·9	45·0	44·1	44·2	43·8	51·7	42·9	SSE	0	NNE	0·3	9	9	10	·122	
10	·383	·393	·484	·564	·613	42·8	40·7	44·0	40·9	47·4	42·5	42·0	39·9	36·4	35·1	49·7	41·8	ENE	3·0	SE	0·3	8	7	0	·010	
11	·667	·671	·658	·666	·712	31·4	30·8	33·9	32·8	46·3	42·1	46·2	44·9	32·1	32·1	46·8	29·5	NE	0	NE	0·1	10	5	0	·020	Snow lay at 9h slightly.
12	·961	·979	30·068	30·098	30·104	32·9	32·0	37·0	35·0	42·8	41·0	42·2	40·1	42·0	38·3	46·9	30·7	ESE	1·0	ENE	2·0	0	9	7	0·68	
13	30·089	30·081	·064	·067	·006	41·5	38·7	43·8	40·1	48·4	43·9	43·0	40·9	44·5	40·3	50·1	35·0	ENE	2–5	ENE	0·3	9	6	8	·010	
14	·072	·088	·137	·167	·196	44·5	42·9	45·1	43·9	47·1	44·1	45·5	43·6	45·6	43·1	47·8	42·8	ESE	1·0	NE	3·0	9	9	9	–	
15	·316	·330	·372	·427	·480	46·1	45·0	47·0	45·9	52·1	49·7	49·1	45·9	46·1	44·4	54·7	44·7	NE	0·8	NE	0·5	9	9	9	–	
16	·461	·428	·330	·313	·311	44·3	42·9	46·9	44·9	53·1	48·2	48·2	46·7	47·0	45·2	53·7	41·3	NE	1–5	NE	1·5	0	5	8	·025	
17	·236	·228	·138	·118	·136	42·8	42·0	43·4	42·9	50·5	48·1	47·0	45·9	45·6	44·4	51·7	42·3	ENE	0	ENE	0	6	9	10	–	
18	·233	·237	·265	·279	·286	41·9	41·0	44·3	43·2	48·2	45·9	44·0	42·9	43·0	40·9	48·8	40·7	ENE	0	ENE	0	7	9	9	–	
19	·208	·198	·144	·113	·084	40·5	38·5	41·8	39·9	46·0	43·9	42·0	40·9	39·2	38·9	48·4	39·6	ENE	0	SW	0	9	8	8	–	
20	·020	·022	29·959	29·908	29·896	37·5	37·1	39·0	38·2	45·5	43·4	40·2	39·4	38·0	37·7	46·8	36·2	NE	0	SW	0	10	9	5	–	
21	29·851	29·854	·818	·800	·800	32·4	32·0	32·2	31·9	43·8	42·7	37·2	36·9	33·9	33·4	45·8	31·7	SE	0	ESE	0	1	7	0	–	
22	·796	·790	·742	·755	·781	27·9	27·9	28·2	28·1	43·0	41·7	33·9	32·8	32·9	31·8	43·3	26·7	SE	0	SE	0	0	1	0	–	∞ at 9h.
23	·831	·826	·782	·776	·786	28·4	28·4	28·7	28·6	43·8	40·9	37·0	34·8	32·9	31·8	44·6	26·9	SE	0	ESE	0	0	1	1	–	∞ at 8h.
24	·734	·718	·663	·671	·680	31·0	30·9	32·4	31·6	44·0	40·9	34·9	34·8	30·4	30·2	44·4	26·9	ENE	0·1	SE	0	6	0	0	–	Ice bearing on curling pond.
25	·564	·530	·414	·228	·128	26·9	26·6	29·4	28·8	39·9	38·4	40·6	39·9	44·0	43·3	40·9	23·8	ESE	0	SSW	1·0	9	10	10	·843	
26	28·883	28·909	28·943	28·963	28·968	45·5	43·0	45·5	41·9	45·4	41·8	42·0	40·4	41·3	39·4	48·1	29·3	WNW	2·5	WSW	1·0	6	6	7	·350	
27	29·002	29·004	29·068	29·089	29·109	40·0	38·4	40·2	39·0	42·3	40·8	41·4	40·2	41·8	39·6	45·3	37·1	WNW	1·0	SW	1–2	9	8	10	·865	Snow to 1000 feet.
28	·133	·161	·295	·486	·604	44·0	41·7	44·0	41·3	47·0	43·9	44·0	42·5	42·0	40·2	47·1	40·0	WNW	1–3	SW	0·3	7	9	2	·030	
29	·990	30·017	30·084	30·090	30·068	42·0	39·8	42·8	40·5	45·9	41·8	37·5	35·6	34·9	33·3	46·0	41·9	ENE	0·7	SE	0·3	7	1	0	–	
30	·808	29·763	29·647	29·656	29·724	43·0	38·9	42·6	39·0	43·5	39·4	42·5	39·9	40·5	38·9	46·6	34·0	WSW	1–5	SSW	3–4	10	10	10	·375	
31	·672	·696	·766	·830	·865	39·0	38·9	39·8	39·4	42·0	41·1	40·5	40·0	40·2	39·9	43·4	39·0	SW	0	SSW	0·1	10	10	10	·120	
Means.	29·695	29·696	29·690	29·691	29·708	40·5	39·2	41·6	40·0	46·2	43·6	42·9	41·4	40·9	39·5	48·3	37·7		1·12		0·74	7·1	7·6	6·5	7·722	

NOVEMBER 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0-12).		Amount of Cloud (0-10).			Rain-fall	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9	9h	21h	9h	14h		Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.					
1	29·856	29·834	29·770	29·784	29·768	42·0	41·8	43·0	42·9	49·7	48·7	49·3	48·9	49·4	49·2	51·4	39·9	SW 0·5	SW 1·0	10	10	10	·841	
2	·837	·837	·775	·700	·680	49·7	48·9	50·6	49·8	50·6	50·0	50·3	50·1	51·1	50·9	51·7	43·0	WSW 0·8	WSW 2·0	10	10	10	·380	
3	·531	·531	·488	·486	·576	52·9	52·7	52·9	52·7	53·2	53·0	51·2	50·9	41·8	41·1	54·0	49·8	WSW 1·0	SW 1·0	10	10	10	1·040	Continuous rain.
4	·653	·653	·572	·497	·498	40·7	39·3	42·5	40·4	42·0	40·9	40·3	39·6	39·8	38·6	51·5	39·8	SW 1·0	SW 2-3	8	10	9	1·190	
5	·464	·486	·629	·764	·821	35·4	35·1	36·1	35·8	41·0	39·7	36·1	35·6	35·9	35·1	43·1	35·2	SW 0·8	WNW 0·3	10	3	0	·210	Snow to 500 feet.
6	·958	·962	·931	·938	·968	35·9	35·6	36·1	35·8	43·3	43·0	49·5	49·1	50·2	50·0	49·9	34·7	SSW 0	SW 2·0	10	10	10	·880	Snow to 700 feet.
7	30·009	30·031	30·076	30·083	30·094	50·3	49·9	50·3	49·9	52·3	50·9	50·1	49·9	50·4	48·7	52·7	36·0	SSW 1·0	WSW 1·2	10	8	10	·015	Snow clear to 1500 feet.
8	·138	·147	·162	·201	·215	49·6	47·9	50·3	47·7	52·3	48·7	50·1	47·6	50·9	46·9	52·7	48·7	SW 1-2	SW 1·0	10	9	10	–	
9	·260	·284	·300	·317	·335	46·2	43·9	46·0	43·8	47·6	44·2	45·0	42·4	44·0	41·4	51·3	45·3	SW 0·3	SW 0·3	9	7	10	–	
10	·346	·355	·351	·344	·343	42·5	40·5	42·9	40·8	44·9	42·0	37·0	36·4	34·9	34·3	45·6	40·8	SW 0	SE 0	9	2	3	–	
11	·315	·319	·304	·290	·280	40·3	39·8	41·0	40·2	43·8	42·4	42·8	41·9	42·0	41·4	44·6	34·7	ENE 0	S 0	9	10	10	–	
12	·194	·188	·084	·017	29·938	42·0	41·4	42·2	41·9	43·5	43·0	44·2	42·7	44·3	42·9	44·7	41·1	SW 0	WSW 1·5	10	10	10	·450	
13	29·705	29·663	29·617	29·582	·604	45·0	42·9	45·5	42·9	44·9	42·1	43·3	41·9	44·5	42·4	47·7	42·7	WNW 3·0	WSW 1·5	9	10	6	·110	
14	·716	·718	·784	·865	·943	39·2	38·1	40·5	38·3	38·1	36·0	35·4	34·0	33·9	32·8	45·7	39·3	W 0·3	NE 0·3	10	4	5	·057	Fresh snow to 900 ft.
15	30·217	30·225	30·278	30·298	30·349	27·1	27·0	26·1	26·0	34·6	32·8	25·9	[25·9]	22·9	[22·9]	35·6	25·7	SSE 0	Calm 0	0	0	0	–	Snow clear to 1500 feet.
16	·402	·402	·367	·375	·400	23·9	23·8	23·9	23·8	37·9	36·8	32·9	31·7	31·9	30·8	38·0	21·7	SE 0	WSW 0·3	0	1	0	–	Afterglow — Ponds frozen.
17	·314	·316	·288	·255	·248	35·9	34·8	34·4	33·6	38·3	36·6	30·7	29·9	26·2	26·1	38·8	21·7	WSW 0·5	SW 0·3	0	0	0	–	∞ in afternoon.
18	·154	·154	·114	·108	·128	21·9	[21·9]	23·7	23·6	35·0	34·6	34·9	32·8	32·9	31·8	36·8	21·8	SE 0	SE 0	0	1	0	–	∞ during day. Afterglow.
19	·131	·140	·126	·116	·110	31·5	31·4	34·4	33·0	40·2	37·1	34·1	33·8	35·9	34·7	42·1	21·7	SSE 0	SE 0·5	0	2	3	–	
20	29·977	29·956	29·886	29·846	29·817	39·9	37·9	42·0	38·9	43·5	40·7	41·5	39·8	40·9	39·4	45·0	34·0	SW 1·0	ESE 0·1	10	10	9	·020	Windy cirrus in evening.
21	·715	·715	·654	·650	·643	41·5	40·0	41·5	39·9	48·5	43·3	38·1	37·2	36·2	34·8	49·8	40·8	SSW 0	SSE 0	8	5	1	–	Breeze during night.
22	·585	·587	·561	·565	·566	30·2	30·1	29·4	29·3	37·6	36·2	35·3	33·8	32·1	31·6	39·8	29·3	SE 0	NE 0·3	1	1	9	–	∞ 14h.
23	·566	·570	·543	·548	·562	32·4	31·8	33·1	32·1	41·5	39·9	41·2	39·9	41·0	38·9	42·5	28·7	NE 0	ESE 0·3	8	9	3	–	
24	·573	·575	·590	·620	·620	40·0	37·9	41·1	38·9	44·5	40·9	43·8	40·9	42·0	40·4	45·8	32·2	SE 0	ESE 0·2	9	10	9	–	
25	·548	·545	·543	·568	·573	45·5	41·4	45·5	42·2	44·8	41·4	43·3	40·9	42·5	39·2	47·5	41·8	SSE 1-5	WSW 2·0	9	6	8	–	Gusty all day.
26	·361	·397	·158	·065	·006	46·3	42·9	46·0	43·0	46·5	42·9	44·5	43·5	44·0	41·2	47·5	40·7	SSE 1·5	ENE 2·3	9	10	10	·420	Gusty. Lunar rainbow in evening.
27	28·732	28·772	·013	·120	·171	49·3	48·8	47·6	47·4	45·0	43·1	43·0	41·0	43·2	40·9	50·7	43·2	SW 0·3	NNE 2-3	10	10	6	·508	Meteors very well seen.
28	29·015	29·018	·132	·313	·405	38·1	37·4	38·0	37·7	42·6	39·8	42·0	39·3	38·3	37·2	43·2	37·7	ENE 0·3	WSW 1·0	10	7	4	·072	
29	·451	·411	·258	·234	·272	39·9	38·4	39·9	38·4	42·0	40·7	40·0	39·9	45·1	44·1	43·3	37·7	SW 0·3	WSW 1·2	9	10	10	·330	
30	·482	·500	·554	·610	·632	41·0	40·0	42·0	40·4	43·5	42·9	43·6	42·6	44·8	42·9	45·8	39·7	SW 0·3	WSW 1-5	6	9	2	·210	
31																								
Means.	29·807	29·810	29·797	29·805	29·819	39·9	38·8	40·3	39·0	43·8	41·8	41·3	40·1	40·4	39·1	46·0	36·3	0·57	0·90	7·4	6·8	6·2	6·733	

DECEMBER 1885.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).			Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·869	29·905	29·996	29·998	30·028	43·6	41·4	43·1	40·9	46·0	43·9	46·0	44·6	46·0	44·8	48·7	41·8	WSW	0·5	SW	1·0	7	9	8	·270	
2	·784	·750	·507	·553	29·582	46·0	43·9	44·9	43·4	45·8	44·5	42·0	39·9	40·0	38·1	47·7	43·3	WSW	2–3	WSW	2·0	10	10	2	·770	Aurora at 20h.
3	·687	·687	·600	·400	·165	41·5	39·9	40·0	38·9	41·0	40·4	38·0	37·2	37·5	37·4	42·8	37·0	WSW	2·0	SSE	1–5	9	10	10	1·750	Wind force 9–10 at night.
4	28·803	28·935	·216	·351	·417	42·0	40·9	41·5	39·9	42·0	39·1	41·0	38·9	41·0	38·9	50·5	35·7	WSW	9–10	WSW	1·0	10	10	2	·675	
5	29·627	29·648	·590	·548	·530	37·0	35·8	35·4	34·9	35·9	34·9	32·2	31·8	30·9	29·8	41·8	35·0	SW	0·3	NNE	0·3	6	1	0	–	
6	·684	·706	·794	·832	·929	28·9	28·8	28·0	27·9	30·4	30·1	32·9	[32·9]	20·9	[20·9]	33·6	26·8	NE	0·5	ENE	0·3	2	1	0	–	Aurora at 21h.
7	·990	30·004	30·012	30·044	30·100	22·4	22·3	21·4	[21·4]	30·4	29·8	30·0	29·8	26·9	26·8	31·4	19·3	SE	0	SE	0·3	1	3	0	·020	Snow.
8	30·252	·264	·328	·344	·372	21·9	[21·9]	21·9	[21·9]	29·9	29·8	26·9	[26·7]	29·9	[29·8]	33·0	20·2	SE	0	NE	0·5	0	4	7	·082	Snow. Bright afterglow.
9	·318	·278	·297	·340	·364	33·9	33·8	34·9	34·8	35·1	34·3	26·9	[26·4]	32·9	31·8	38·0	21·5	SW	0·3	SE	0·3	9	8	10	·100	
10	·538	·554	·552	·524	·510	18·1	[18·1]	20·9	[20	22·9	[22·9]	22·4	[22·4]	24·9	[24·9]	33·0	18·0	SE	0·3	W	0	0	7	10	·010	
11	·362	·352	·274	·194	·167	35·1	35·0	35·9	35·8	41·1	39·9	42·4	41·9	42·5	42·1	42·8	18·7	SW	0·3	SW	0·5	10	10	10	·442	
12	29·886	39·866	29·805	29·786	29·781	44·0	43·1	44·3	43·9	47·0	45·7	48·1	46·9	48·1	46·9	48·5	35·9	SW	3–4	SW	3–4	10	10	10	1·675	
13	·747	·759	·793	·878	·920	48·1	46·9	47·4	46·9	48·8	48·6	49·1	48·7	49·5	49·0	49·9	42·3	SW	4–5	SW	3–4	10	10	10	1·575	
14	30·073	30·073	30·094	30·136	30·160	46·1	45·0	46·5	45·7	47·2	46·4	47·6	47·1	47·2	46·8	49·9	46·0	SW	0·7	SW	0·5	9	10	10	·653	
15	·191	·202	·198	·142	·134	45·2	44·7	44·0	43·2	47·0	45·1	47·0	44·8	47·3	45·0	48·3	44·0	SW	1·0	SW	1·0	8	9	10	·910	
16	29·933	29·926	29·918	·089	·168	47·0	46·9	47·4	47·2	50·9	50·2	49·4	48·7	47·4	46·6	51·6	44·0	WSW	2·5	WSW	1·0	10	10	6	·356	
17	30·361	30·343	30·405	·439	·467	46·5	46·4	46·5	46·4	47·4	47·2	47·0	46·9	47·0	46·9	49·9	46·3	SW	0·3	SW	0·3	10	10	10	·031	
18	·431	·401	·369	·315	·307	46·5	46·4	46·0	45·9	44·2	43·9	43·4	42·9	43·0	41·9	47·6	46·3	SW	0·3	SW	0·5	10	9	7	–	Halo at 20h.
19	·158	·152	·096	·034	·006	40·0	39·9	41·0	39·9	41·3	39·9	36·1	35·8	40·0	38·4	43·8	40·0	SW	1·0	SSE	0·3	3	4	0	–	∞ at 18h.
20	29·897	29·901	29·931	29·984	·045	44·0	41·9	43·0	41·9	43·1	42·9	44·0	43·9	44·0	43·9	45·8	35·2	SW	1·5	SSE	0	10	10	10	·085	
21	30·096	30·107	30·112	30·154	·210	41·1	39·9	41·0	39·9	41·0	40·7	40·0	39·8	44·0	43·7	44·1	40·8	SE	0·2	NE	0·3	9	10	10	·550	
22	·398	·438	·491	·575	·616	35·9	35·8	35·0	34·4	38·0	36·1	35·9	34·5	32·9	31·8	40·8	35·2	ESE	0	SE	0·3	0	8	0	·015	Halo at 23h.
23	·532	·528	·475	·427	·428	35·2	34·1	35·4	34·8	39·2	38·9	43·9	42·5	44·0	42·9	43·9	28·7	S	1·0	SW	0·3	10	10	10	·100	
24	·391	·403	·400	·382	·386	46·0	45·9	46·1	46·0	48·1	47·2	46·7	46·2	46·0	45·0	48·7	33·8	SW	0·3	SW	1·0	10	9	9	·033	
25	·218	·232	·204	·268	·313	45·0	44·9	46·0	43·4	46·5	43·9	46·0	43·0	45·3	43·2	48·7	44·3	SW	1·0	WNW	2·0	9	8	9	·020	
26	·408	·422	·413	·410	·390	41·0	39·2	40·5	39·4	44·2	42·4	43·7	42·2	42·6	41·9	46·2	40·3	SSW	0·3	WSW	1·3	8	9	8	·090	
27	·226	·210	·082	29·992	29·858	43·0	42·9	43·3	42·9	46·0	45·2	45·6	44·9	45·0	44·1	46·6	42·3	SW	3–4	SW	6–7	10	10	10	1·260	
28	29·169	29·094	29·128	·151	·172	43·8	42·7	44·1	42·9	34·9	33·3	34·9	31·8	37·1	34·5	46·2	42·8	WSW	7–8	WSW	4–5	10	7	10	·300	Snow.
29	·550	·546	·706	·788	·850	28·2	28·1	27·2	[27·2]	27·9	[27·9]	33·9	[33·0]	31·3	[31·0]	37·4	28·7	WSW	0·5	SW	1–2	10	10	5	·760	Snow to Sea Level.
30	·942	·926	·660	·612	·611	35·2	35·1	34·9	34·8	36·3	36·4	47·6	46·9	46·0	44·6	48·7	26·0	SW	0·5	SW	3–4	10	10	10	1·120	
31	·717	·733	·780	·760	·802	46·0	45·2	47·0	46·4	49·1	46·9	48·6	47·9	49·1	47·9	49·7	34·9	SW	0·3	SW	0·3	10	7	10	·930	Snow clear to 1500 ft.
Means.	30·008	30·012	30·007	30·015	30·025	39·3	38·6	39·2	38·5	40·9	39·9	40·6	39·7	40·3	39·4	44·5	35·3		1·50		1·33	7·7	8·2	7·2	14·582	

JANUARY 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·694	29·688	29·588	29·523	29·554	50·5	49·9	50·6	49·9	51·1	50·2	52·1	50·6	50·5	48·8	52·8	47·8	SW	2·0	SSW	2–3	10	10	10	·800	
2	·697	·712	·784	·816	·843	43·0	41·4	42·8	41·6	42·8	40·2	39·9	28·6	40·0	39·1	53·0	42·8	SE	0·5	SW	0·5	8	9	8	·450	
3	·441	·391	·270	·317	·321	44·0	43·9	45·0	44·9	47·2	46·6	42·0	40·1	40·0	37·7	48·7	40·3	SW	2–3	SW	2·0	10	10	6	1·065	
4	·321	·323	·277	·233	·183	38·0	35·8	37·3	36·3	37·5	35·8	34·9	38·6	32·9	32·3	41·8	36·7	W	0·5	SW	1·0	6	10	10	·340	Snow to Sea Level.
5	·123	·159	·422	·532	·700	35·2	34·8	38·0	35·8	33·2	32·1	30·9	29·6	26·0	24·9	40·5	32·7	WNW	0·3	E	0·1	7	7	0	·050	
6	·860	·896	·990	30·073	30·100	25·3	25·3	25·3	25·3	28·9	27·9	21·0	[20·0]	18·0	17·4	34·2	21·5	ENE	0·3	SE	0·3	0	0	0	–	
7	·872	·814	·567	29·366	29·310	32·4	32·4	34·4	32·8	35·4	35·3	36·0	[35·4]	39·0	35·8	37·6	16·8	SW	4–5	WSW	6–7	10	10	10	·910	Snow.
8	·472	·514	·592	·700	·758	31·9	31·8	34·4	32·8	30·7	30·3	31·3	[31·0]	32·9	32·8	42·5	20·2	NE	3–4	NW	2·0	10	8	9	·035	
9	·980	30·004	30·070	30·096	30·086	31·4	31·3	32·1	32·0	32·4	32·3	28·9	[28·6]	28·9	28·8	34·5	23·7	ENE	0·3	SW	0·5	8	10	7	·100	Snow.
10	·891	29·885	29·769	29·700	29·681	31·9	31·8	28·9	[28·0]	34·3	32·2	33·4	[33·2]	33·9	33·8	35·0	25·7	E	0	SE	1·3	10	10	10	·370	Snow.
11	·880	·926	30·046	30·117	30·175	38·5	36·8	39·8	35·0	40·0	36·0	38·0	35·2	37·0	33·8	41·0	33·7	NE	1–5	ENE	1·5	9	1	1	·150	
12	·952	·904	29·764	29·723	29·620	37·0	36·9	38·0	37·9	42·4	42·3	41·5	41·2	42·0	40·9	43·5	32·7	SW	0·5	SW	1·0	10	10	10	·355	
13	·253	·253	·350	·612	·772	37·0	35·8	38·0	35·8	37·3	36·0	46·0	45·1	36·7	34·8	47·8	37·0	WNW	1–5	E	1·0	9	10	8	·130	Snow clear to 300 ft.
14	·943	·928	·777	·623	·542	32·9	31·6	33·8	32·3	37·2	36·9	43·1	[39·3]	46·0	45·4	46·5	31·7	WSW	0·3	SW	3–4	10	10	10	·370	
15	·256	·259	·203	·158	·162	39·0	36·9	39·0	36·9	37·0	34·3	45·5	44·2	35·9	33·8	47·0	35·7	WSW	1–2	SW	4–5	9	9	10	·135	
16	·220	·238	·088	28·941	28·913	32·9	32·3	37·0	35·8	34·6	33·8	35·6	34·5	35·6	33·6	48·6	33·7	SW	1–2	S	1–2	10	10	10	·700	
17	28·972	28·972	28·916	·908	·910	32·9	31·6	31·9	31·8	32·9	[32·5]	29·9	[29·4]	25·9	[25·5]	36·7	31·7	SW	1–5	SW	0	10	9	8	·210	Snow.
18	·998	29·026	29·048	29·073	29·070	19·0	[18·5]	15·0	[14·6]	15·8	[15·0]	15·0	[14·6]	19·0	[18·0]	30·7	16·7	SE	0·3	S	0	1	4	7	–	
19	29·374	·392	·274	·178	·298	18·5	[18·0]	14·0	[13·6]	31·7	31·6	34·9	[34·4]	35·4	34·1	36·1	13·7	S	0	NE	0·1	1	10	10	·180	Snow to Sea Level—1 inch.
20	·638	·668	·736	·781	·790	29·9	29·8	30·2	29·8	34·9	34·3	29·4	29·3	33·9	33·8	36·1	15·2	SE	0·3	SE	1·0	2	1	4	–	5–6 inches Snow at 21h.
21	·738	·738	·734	·726	·734	35·9	34·8	35·9	34·8	37·1	35·4	36·0	34·8	35·4	34·8	37·8	28·2	SE	1·0	NE	0·5	9	9	10	–	
22	·690	·706	·739	·788	·838	34·4	31·8	35·9	33·9	39·0	34·8	35·1	32·3	33·4	30·6	39·8	33·5	ESE	0·3	ESE	0·5	10	3	3	–	
23	·827	·816	·738	·738	·750	34·9	33·8	35·5	33·8	37·5	35·8	37·1	34·8	35·9	33·8	38·3	27·7	ESE	0·5	NE	2–5	9	8	2	–	
24	·682	·674	·630	·600	·576	36·1	34·6	36·5	34·6	36·1	34·8	35·1	33·8	34·9	33·8	37·9	34·5	ENE	2·0	NE	0·5	9	6	5	·060	
25	·626	·629	·613	·584	·611	33·9	32·3	34·5	31·9	35·0	33·1	36·6	35·8	36·4	34·8	37·8	32·8	ESE	0·5	NE	2–3	9	10	10	–	
26	·643	·667	·689	·730	·735	37·3	34·9	37·5	34·8	39·1	36·2	38·0	35·8	37·2	35·6	40·2	35·2	E	3–4	NE	1·0	4	7	10	·030	Snow clear to near 500 feet.
27	·783	·814	·827	·864	·901	39·0	35·1	37·0	34·7	41·0	38·2	40·0	37·4	38·0	35·8	41·8	35·2	SW	0·3	SW	0·3	8	9	10	·110	
28	·765	·764	·707	·635	·594	35·2	35·1	35·9	34·8	38·0	36·3	38·3	35·8	38·0	36·1	40·5	35·2	SSE	0	Calm	0	10	9	10	·070	
29	·343	·337	·281	·338	·408	42·5	39·0	41·5	38·9	41·4	38·4	36·2	33·6	35·9	34·8	43·3	37·5	SW	1–2	SW	0·5	10	10	10	·435	
30	·269	·220	·066	·037	·025	33·9	33·3	34·4	33·7	34·9	33·8	33·9	32·3	31·9	30·3	37·8	33·7	WSW	1·0	WSW	0·5	10	10	4	·210	Snow clear to 600 ft.
31	28·860	28·862	28·912	28·963	28·955	30·0	[29·2]	30·7	[29·5]	31·7	[30·0]	33·4	[32·0]	30·9	[30·0]	35·8	29·7	W	0·3	W	0	10	10	10	·450	Fresh snow to Sea Level.
Means.	29·550	29·554	29·531	29·531	29·546	34·7	33·9	34·9	33·5	36·4	34·9	35·8	34·6	34·8	33·4	40·8	30·7		1·25		1·31	8·0	8·0	7·5	7·715	

FEBRUARY 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·011	28·994	29·114	29·224	29·258	31·0	[30·5]	30·4	[30·0]	30·4	[30·0]	37·2	35·0	38·9	35·1	37·6	28·8	SW	0·3	SW	2–3	8	0	0	·220	Snow 8 inches deep.
2	·383	29·404	·462	·472	·470	35·9	33·8	33·9	32·4	36·9	35·0	32·4	31·0	33·0	31·9	39·8	30·2	SSW	0·5	Calm	0	8	8	10	–	18h cirrus streaks NW-SE.
3	·568	·592	·718	·854	·953	20·7	[20·7]	20·7	[20·5]	29·1	28·6	23·9	[23·7]	18·4	[18·3]	33·8	20·7	ESE	0·3	ESE	0·5	0	0	0	–	
4	30·240	30·254	30·328	30·354	30·372	15·4	[15·2]	16·0	[15·0]	24·9	[24·0]	21·9	[21·0]	14·9	[14·0]	29·6	15·2	ESE	0·3	NE	0·1	1	0	1	–	∞ at 9h.
5	·182	·152	29·998	29·950	29·983	21·9	[21·0]	24·9	[24·0]	32·9	[31·7]	32·9	[31·7]	32·9	[31·7]	35·0	14·7	NE	0	E	0·3	7	10	10	·115	
6	·056	·105	30·117	30·088	30·083	33·4	[33·1]	33·9	33·3	35·4	34·3	37·9	34·8	35·4	34·3	38·8	24·5	S	0·3	SW	1–2	10	10	10	·350	
7	·092	·094	·133	·194	·256	37·4	36·3	36·9	35·9	39·4	37·9	40·9	40·8	42·2	41·9	41·4	33·9	SW	2·3	SSW	1–2	10	10	10	·080	
8	·407	·422	·428	·428	·422	43·1	42·7	43·3	43·0	44·3	43·9	44·6	44·4	46·0	45·7	45·8	34·7	SW	1·0	SW	1·0	10	10	10	·240	Snow clear to 600 ft.
9	·368	·365	·360	·298	·292	45·3	44·9	45·3	44·9	44·4	44·2	44·7	44·1	44·0	43·7	47·2	43·6	SW	1·5	SW	2·3	10	10	10	·460	
10	·312	·340	·320	·292	·271	42·0	41·5	41·5	41·0	43·5	42·9	41·0	40·4	40·5	39·9	45·8	41·8	SW	0·5	SW	0·5	7	8	10	·050	
11	·060	·036	29·910	29·828	29·790	40·0	39·4	40·2	39·1	42·9	39·9	41·6	38·9	41·0	39·9	44·0	38·6	SW	1·0	SW	1·0	8	9	10	·255	Snow clear to 1000 ft.
12	29·744	29·730	·660	·602	·609	39·0	38·9	39·0	38·9	44·5	42·8	44·7	42·6	45·5	43·7	45·6	38·9	ENE	0·3	SW	2–3	10	10	10	·930	
13	·515	·495	·480	·546	·552	45·1	43·8	46·7	44·2	44·0	42·9	37·4	37·3	35·9	35·3	48·2	39·0	SW	2–3	SW	1–2	10	10	10	·855	
14	·528	·537	·662	·704	·780	32·9	32·8	33·4	33·3	39·0	37·1	36·3	35·2	35·9	35·1	40·8	33·0	SW	0·5	W	1·0	10	9	6	·300	
15	·988	30·034	30·090	30·125	30·144	33·7	32·9	33·3	32·8	38·8	36·3	34·9	33·8	31·9	30·8	39·8	33·2	SW	0·3	ENE	0·3	8	10	10	·070	Halo at 21h.
16	30·148	·156	·126	·134	·128	25·9	25·8	26·9	26·3	36·0	33·3	28·9	[28·0]	27·9	27·0	36·8	25·7	ENE	0·3	ENE	0·3	4	0	0	–	∞ at 9h.
17	·158	·160	·190	·238	·290	20·1	[19·8]	21·4	[21·1]	34·4	33·7	28·9	[28·4]	31·7	31·6	34·8	20·0	ENE	0·3	ESE	0·3	0	0	8	–	Afterglow.
18	·365	·373	·334	·297	·262	34·2	34·1	34·4	33·1	38·0	34·8	35·4	33·4	34·9	32·9	38·7	21·4	ESE	0·5	ENE	0·5	9	10	10	·320	Snow.
19	·105	·093	·040	·036	·032	33·7	31·8	33·7	31·8	35·4	33·8	34·4	32·8	34·0	32·8	35·8	32·7	ENE	0	SSW	0·3	10	9	10	·030	
20	·020	·012	·044	·051	·092	33·9	33·3	34·1	33·8	37·8	36·8	37·6	36·8	36·9	36·4	38·4	33·3	W	0	SW	0	10	10	10	·070	
21	·124	·137	·149	·171	·215	36·7	36·0	38·0	37·4	44·0	40·4	41·0	39·9	40·2	38·9	44·2	34·0	SW	0	SW	0·1	9	9	10	·200	
22	·322	·332	·336	·356	·400	36·9	36·3	36·4	35·9	42·1	39·8	39·2	38·3	38·5	35·8	44·3	36·7	ESE	0	SW	0·5	10	10	8	·050	
23	·391	·388	·344	·328	·312	35·1	31·8	35·4	32·9	38·1	35·9	34·7	32·3	34·9	31·4	39·8	35·2	SE	3–4	SSE	1–2	8	5	1	–	
24	·262	·264	·236	·215	·236	32·0	29·8	34·0	30·9	36·1	32·6	33·9	31·8	34·4	31·8	38·8	31·7	SE	0·3	ENE	0·3	4	9	10	–	
25	·272	·283	·251	·267	·292	27·0	[26·0]	26·4	[25·5]	39·3	33·9	31·7	28·8	25·9	[25·4]	39·4	25·7	ENE	0·3	S	0	0	0	0	–	
26	·347	·342	·312	·283	·277	25·4	[25·2]	25·9	[25·7]	35·4	31·8	33·1	33·0	32·9	32·8	36·8	23·7	ENE	0	S	3–4	2	4	0	–	∞.
27	·255	·265	·241	·274	·311	32·9	[32·7]	34·4	34·3	38·0	33·8	34·9	31·8	34·4	33·8	39·8	25·2	SE	2–3	SSW	1·0	2	5	9	–	
28	·340	·350	·298	·242	·197	34·2	33·1	34·4	33·8	34·9	32·3	34·4	33·8	32·6	31·4	36·1	33·5	SSW	0·3	SSE	0·3	9	10	9	–	
29																										
30																										
31																										
Means.	30·056	30·061	30·059	30·066	30·081	33·0	32.3	33·4	32·5	37·9	35·9	35·7	34·4	34·8	33·7	39·9	30·3		0·75		0·89	6·9	7·0	7·2	4·595	

MARCH 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·955	29·965	29·843	29·790	29·765	31·9	31·8	32·5	[32·4]	33·5	33·4	30·9	[30·8]	30·1	[30·1]	35·2	31·7	S	0·3	ENE	2·0	9	10	10	·005	Snow.
2	·620	·600	·584	·528	·661	30·1	30·0	31·4	31·3	32·9	32·8	31·9	[31·8]	32·7	31·8	34·2	28·7	NE	4–5	NE	3–4	10	10	10	–	
3	·816	·826	·835	·826	·828	32·9	32·8	33·9	33·3	40·3	34·1	38·0	34·4	38·3	34·8	43·4	30·5	NE	0·5	WSW	1–2	9	8	10	·003	
4	·662	·658	·620	·625	·581	37·2	36·0	38·0	36·8	43·1	39·6	35·4	33·9	30·4	29·8	43·9	33·7	SW	1·0	SE	0	10	9	0	·060	
5	·433	·427	·430	·510	·539	31·7	30·6	32·1	31·1	32·9	32·3	31·7	30·3	31·8	30·8	36·1	26·7	SW	0	ENE	1–2	9	10	7	·085	Snow during day.
6	·786	·820	·940	30·024	30·085	28·9	28·8	29·0	29·0	33·8	32·1	33·0	[32·8]	27·9	27·8	36·2	24·7	E	0	S	0·5	2	8	1	–	
7	30·187	30·191	30·173	·136	·126	25·4	25·3	27·4	27·4	36·7	36·0	33·2	[33·0]	31·9	31·8	36·7	21·7	E	0	ESE	0·3	2	3	0	–	
8	·080	·080	·121	·129	·170	36·9	36·8	38·0	37·4	40·9	34·9	38·8	34·3	38·0	33·8	43·8	26·6	SSW	2–3	SW	0·5	10	8	4	–	
9	·200	·205	·210	·254	·296	33·9	29·0	37·2	30·6	42·0	38·8	38·3	30·8	36·1	33·8	42·8	29·7	SW	1·0	SW	0·5	7	9	4	–	
10	·414	·428	·432	·457	·482	29·7	28·6	34·7	33·3	44·0	36·4	37·4	32·7	34·9	30·8	45·2	29·7	SSW	0·3	SE	0·3	3	4	0	–	
11	·531	·531	·500	·481	·492	24·9	[24·9]	27·4	[27·4]	43·2	35·4	33·9	31·8	28·9	[28·7]	44·8	24·9	E	0	S	0	0	0	0	–	
12	·410	·428	·382	·400	·441	18·9	[18·9]	20·4	[20·3]	39·0	32·8	32·7	29·6	19·9	[19·0]	39·8	18·8	E	0	Calm	0	0	0	0	–	
13	·465	·450	·446	·440	·444	24·9	[24·8]	24·9	[24·8]	40·0	34·8	35·4	31·8	33·4	31·8	42·8	19·5	Calm	0	SSE	1–5	0	9	0	–	
14	·372	·331	·208	·147	·137	32·0	[32·0]	34·4	34·3	40·6	35·1	36·7	33·8	35·7	31·8	45·3	30·8	ESE	0	SE	0·3	1	9	10	–	
15	·164	·164	·183	·190	·212	33·7	30·9	34·9	33·3	39·9	34·8	37·6	33·2	35·8	33·2	40·8	31·2	SW	0	NE	0·5	9	9	8	–	
16	·181	·184	·110	·098	·100	32·7	32·1	33·9	32·4	39·0	35·3	36·2	31·8	34·9	31·8	40·8	29·7	NE	2·0	NE	1–2	10	9	10	·023	Snow.
17	·096	·093	·064	·047	·044	35·1	32·8	34·9	33·3	37·8	32·8	35·7	32·6	36·9	32·8	39·8	33·8	ENE	2–3	SSE	1–2	9	9	8	·023	Snow.
18	29·944	29·922	29·852	29·840	29·844	36·0	32·6	36·7	32·8	40·0	35·8	42·8	38·8	43·0	39·4	45·8	34·7	SSW	1–2	SSW	1·0	10	9	9	·028	
19	·792	·787	·742	·666	·698	46·0	42·9	46·0	42·9	46·0	43·2	47·1	43·9	43·2	42·3	49·7	35·1	SSW	3–4	Calm	0	9	9	10	·180	
20	·700	·710	·718	·713	·730	43·0	42·8	43·0	42·9	44·5	44·2	45·0	44·8	44·0	43·9	47·7	43·0	WSW	0	Calm	0	10	10	10	·270	
21	·726	·746	·772	·800	·874	44·5	44·4	45·0	44·9	47·1	46·9	47·5	47·2	46·0	45·9	48·7	42·3	W	0·5	WSW	0·5	10	10	10	·450	
22	·917	·917	·888	·840	·808	46·0	45·9	45·8	45·2	49·9	47·4	48·1	45·9	46·3	45·4	52·0	44·8	SW	0	SW	1·0	10	9	10	·140	
23	·828	·825	·790	·830	·838	47·0	46·4	47·2	46·9	56·5	52·4	50·8	49·7	50·1	48·9	57·8	44·8	SW	0	SW	1·0	10	7	10	·252	
24	·893	·894	·864	·762	·688	48·6	47·4	48·4	47·1	56·2	53·1	57·2	50·2	56·8	51·9	58·8	47·3	SW	0·3	NE	1·0	10	6	10	·150	
25	·567	·591	·600	·630	·613	51·1	47·9	49·6	47·2	48·6	47·9	45·8	45·0	46·5	45·9	58·6	49·8	SW	1·5	SW	0·5	10	10	9	·723	
26	·427	·409	·390	·269	·272	48·1	45·9	47·2	45·0	[48 5	46·8]	45·0	44·8	45·3	44·9	49·7	46·1	SW	2·3	SW	2–3	10	[10]	10	·953	
27	·417	·421	·467	·403	·469	42·5	42·4	43·0	42·4	46·0	44·7	45·0	43·9	48·1	46·2	47·7	42·8	SW	1·0	SW	1·0	10	10	7	·103	
28	·755	·761	·714	·628	·534	39·0	37·2	41·0	39·4	46·0	41·4	44·2	33·6	43·1	39·2	47·0	37·3	SW	0·5	SW	1–2	9	8	9	·355	
29	·382	·378	·338	·358	·393	41·0	39·9	39·5	38·7	44·0	41·0	38·1	36·8	39·4	38·0	44·6	39·8	SW	1·0	SW	1–2	10	9	6	·513	Snow to 100 feet.
30	·504	·496	·122	28·911	·196	39·0	36·8	38·8	37·2	40·8	38·9	43·0	41·1	39·2	36·8	45·8	36·7	SW	1·0	W	4–5	10	10	2	·617	Snow. Aurora over all sky 21h–22h.
31	·150	·155	·274	29·412	·471	32·9	32·8	33·1	33·0	44·0	39·7	40·4	35·6	34·9	33·8	45·1	33·0	ENE	0·5	SW	3-4	10	8	10	·330	
Means.	29·883	29·884	29·858	29·844	29·866	36·3	35·2	37·1	36·2	42·5	39·2	39·9	37·1	38·2	36·4	44·9	33·9		0·91		1·19	7·7	8·0	6·6	5·263	

APRIL 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·617	29·650	29·724	29·643	29·613	37·1	36·8	36·0	35·3	43·2	43·1	44·3	44·2	45·1	40·7	44·8	33·1	W	1–5	SW	2–3	8	6	9	·290	Snow to 500 feet.
2	·477	·481	·481	·494	·513	49·0	45·9	51·1	44·9	50·3	50·1	42·2	42·1	39·0	37·9	51·7	35·8	SW	5–6	SW	2–3	10	10	10	·525	Snow to 100 feet.
3	·488	·502	·520	·443	·317	35·8	34·0	38·5	36·3	41·5	41·4	42·5	42·4	43·0	40·4	44·1	34·7	SW	2–3	SW	3–4	8	10	10	·735	Snow showers during day.
4	·315	·317	·337	·258	·334	41·9	40·9	43·9	41·4	43·8	43·7	41·7	41·6	35·6	34·3	46·3	37·8	SW	2–3	SW	5–6	8	10	10	·850	
5	·419	·420	·464	·369	·347	37·8	36·8	39·0	38·2	46·1	46·0	40·9	40·8	40·5	39·9	47·9	37·7	SW	1·0	SW	1–2	10	8	6	·683	Fresh snow to 1200 feet.
6	·390	·390	·526	·581	·648	39·0	37·2	40·0	37·7	41·0	40·9	41·5	41·4	35·1	34·0	45·6	36·9	SW	2–3	SW	1–2	10	7	2	·200	Fresh snow to 900 ft.
7	·619	·584	·251	28·895	28·766	40·0	38·2	40·1	38·9	42·8	42·7	42·2	42·1	41·6	40·1	45·7	34·5	SW	1–5	S	2–3	9	10	10	1·590	
8	28·786	28·792	28·843	·893	·909	41·2	39·8	42·2	40·5	45·2	41·7	43·0	40·1	43·0	38·9	46·4	40·1	SW	5–6	SW	2–3	10	9	9	·251	
9	29·032	29·032	29·174	29·335	29·276	39·0	37·9	41·0	38·1	42·1	39·0	40·8	37·3	37·5	34·8	45·4	37·0	SW	1–5	SW	1–5	10	10	7	·175	Fresh snow to 900 ft.
10	·385	·410	·487	·549	·618	37·5	35·8	38·2	35·4	42·2	36·9	43·0	38·7	38·2	35·8	45·6	34·1	WSW	0·5	SE	0·5	4	9	2	–	Fresh snow to 900 ft.
11	·878	·888	·946	·953	·990	36·2	33·8	39·8	36·8	52·9	46·9	57·3	44·6	41·4	38·9	53·7	30·9	NE	0·3	ESE	0–1	2	3	1	–	Slight aurora 21h to Midnight.
12	·986	·984	·954	·961	30·018	35·4	33·8	39·0	37·0	51·3	44·7	46·1	43·2	43·5	41·6	53·4	29·9	NE	0	WSW	0·3	0	3	9	–	
13	30·165	30·169	30·210	30·254	·236	43·0	42·2	43·8	42·7	49·1	43·9	47·1	42·6	43·3	41·2	51·5	41·8	SW	0·3	WSW	0·5	10	10	10	–	
14	·240	·235	·253	·260	·271	43·0	41·9	46·0	43·9	52·0	45·9	47·9	44·9	45·0	42·7	53·4	41·7	ESE	0	Calm	0	8	8	2	·012	
15	·381	·391	·377	·372	·411	45·0	41·7	46·1	42·0	51·6	45·0	49·4	43·9	41·2	38·9	54·2	38·8	NE	0	SW	0·3	9	2	4	–	
16	·425	·422	·403	·420	·425	43·0	40·1	44·8	40·9	50·9	43·7	48·0	40·1	42·0	38·9	52·0	35·2	NE	1·0	NE	1·0	4	3	8	-	
17	·380	·371	·313	·273	·286	42·5	39·9	43·0	39·9	50·0	44·0	46·0	42·4	41·5	38·9	51·8	37·7	ENE	3–4	NE	1–2	4	4	2	–	
18	·175	·148	·106	·076	·098	43·2	39·9	45·1	40·9	46·5	43·5	44·4	42·9	43·0	41·6	50·2	35·7	NE	4–5	NNE	2–3	3	9	9	–	
19	·040	·022	·045	·058	·088	46·3	42·9	47·9	44·2	46·5	44·1	46·7	44·7	44·3	41·9	52·1	41·9	NE	4–5	SE	0·3	7	9	7	-	
20	·104	·102	·095	·081	·101	43·5	41·1	45·4	42·2	52·6	45·2	51·7	43·4	45·2	38·4	56·6	41·2	NE	2–3	S	2–3	10	9	1	–	
21	·124	·127	·138	·103	·125	40·0	37·0	42·2	37·9	54·8	45·9	55·5	46·2	45·1	40·2	57·3	32·7	NW	0	ESE	0·1	3	1	1	–	
22	·136	·126	·047	·036	·055	38·8	34·9	43·3	37·9	55·4	44·9	51·1	44·9	41·3	39·2	57·1	30·2	SE	0·3	NE	0·5	0	0	0	–	
23	·094	·094	·053	·045	·084	40·5	38·0	44·3	40·9	53·9	45·9	51·4	44·9	47·0	42·9	56·8	33·5	NE	0·3	ESE	0·3	1	8	3	–	
24	·090	·089	·115	·150	·170	46·3	42·5	50·6	43·9	51·1	45·2	49·1	45·9	47·0	43·9	57·8	35·0	WSW	0·3	SE	0·3	4	10	4	·015	
25	·208	·202	·160	·125	·124	45·3	42·7	48·6	44·7	62·9	52·9	57·0	49·4	53·8	47·5	64·8	37·7	NNE	0	ESE	0·3	2	1	9	–	
26	·096	·086	·032	29·973	29·972	46·3	43·2	49·4	45·2	58·2	51·4	58·7	51·9	51·6	47·2	62·7	42·8	NW	0·3	SW	0	4	7	7	·065	
27	29·842	29·820	29·763	·730	·712	50·1	47·1	51·9	48·1	53·4	49·4	50·1	48·9	49·6	49·2	59·8	47·8	SW	1·0	ENE	0	10	10	9	·225	
28	·863	·873	·930	·968	30·028	42·0	36·3	48·3	43·9	48·1	39·8	44·4	37·8	37·0	33·8	50·4	38·0	NE	3–4	NE	1·0	2	9	2	–	
29	30·153	30·159	30·154	30·132	·167	39·3	35·6	42·0	37·4	50·6	41·4	43·5	41·2	40·1	36·9	52·5	30·7	NE	0·3	N	0·3	2	4	2	·035	
30	·187	·187	·160	·168	·204	41·8	40·7	45·2	42·4	50·1	43·9	38·9	43·8	42·0	38·9	51·2	34·7	WNW	0·5	E	0·3	8	9	2	·015	
31																										
Means.	29·870	29·869	29·869	29·853	29·864	41·6	39·3	43·9	40·6	49·3	44·4	47·2	43·3	42·8	40·0	52·1	36·7		1·74		1·27	6·0	6·9	5·6	666	

MAY 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).			Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h		9h	18h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.					Inches.	
1	30·278	30·268	30·258	30·240	30·270	41·3	37·4	45·8	40·2	55·1	40·9	56·1	45·9	47·1	40·4	57·4	31·7	NNE 0	S 1–2		0	2	0	–	
2	·238	·234	·183	·150	·142	47·5	39·7	50·6	42·0	54·7	46·2	[50·4	46·0]	48·1	44·5	56·8	39·6	SSW 1–2	SW 1–2		8	10	10	·218	
3	·156	·167	·206	·201	·203	45·2	44·1	45·2	44·4	47·2	46·7	49·6	48·2	48·1	47·4	51·7	44·8	SW 1·0	SW 0		10	10	10	·062	
4	·146	·154	·204	·206	·238	53·2	47·9	52·3	47·4	52·6	46·7	48·2	42·3	48·3	47·4	55·0	44·9	SW 3–4	SW 1–2		10	10	10	·210	
5	·307	·307	·298	·275	·265	47·6	47·4	48·3	48·1	50·6	49·1	49·1	48·7	49·4	48·9	51·4	47·1	SW 0·3	SW 0·3		10	10	10	·233	
6	·268	·278	·258	·197	·190	46·6	46·4	47·5	47·2	50·6	47·6	59·0	52·8	48·4	46·1	58·9	46·4	SW 0·3	Calm 0		10	10	2	·020	
7	·112	·112	·104	·122	·120	50·2	47·0	50·4	47·1	60·2	56·7	53·1	48·6	50·1	47·9	61·7	40·8	SW 0·5	ENE 0·5		9	9	6	·010	
8	·135	·137	·112	·096	·098	49·1	45·6	51·2	47·2	57·4	50·3	56·1	48·9	51·3	45·7	61·4	43·3	NNE 1–2	ESE 1–2		2	9	9	–	
9	·054	·053	·006	29·970	29·960	47·1	42·5	46·7	43·5	47·1	44·7	45·8	44·2	44·3	44·0	58·0	46·7	ENE 0·5	N 0		10	10	10	·350	
10	29·913	29·924	29·895	·904	·920	44·2	43·0	44·8	43·1	49·1	44·7	47·2	43·1	44·8	42·7	50·6	41·8	WSW 0	E 0·5		10	10	10	·013	
11	·965	·960	·963	·968	·978	45·0	40·6	46·3	41·1	48·9	41·8	45·4	41·2	44·0	42·0	49·7	40·8	ENE 1·0	NE 0·5		8	10	9	–	
12	·946	·914	·812	·758	·750	42·0	39·1	43·4	39·3	47·6	40·0	41·2	39·0	42·0	38·0	48·6	36·7	N 1–2	NE 1·0		9	9	2	–	
13	·668	·658	·635	·611	·574	44·4	41·9	45·0	42·0	46·3	42·6	47·2	41·9	42·6	40·9	50·3	38·8	NNE 2–3	N 2–3		10	10	10	·020	21h observation made at 21h 40m.
14	·561	·562	·513	·505	·542	44·7	39·9	46·2	39·6	48·3	41·4	45·0	40·2	44·3	39·9	49·9	39·8	NNE 1·0	W 1–2		2	6	8	·113	21h observation made at 22h.
15	·582	·595	·690	·742	·772	43·5	40·8	42·0	41·7	50·4	42·9	49·7	43·9	43·1	39·9	52·5	40·8	N 1–2	W 0·5		8	5	6	–	Fresh snow to 1200 ft.
16	·577	·569	·509	·511	·550	43·0	39·7	43·6	41·7	49·4	43·6	48·1	43·9	45·1	42·9	52·3	36·9	SSW 0·3	SW 1–2		10	10	8	·260	
17	·551	·547	·438	·185	·114	45·8	44·3	48·1	45·8	52·2	47·4	48·8	44·9	50·1	47·2	53·8	43·3	SW 1·0	SW 0·3		10	10	10	·530	
18	·264	·278	·362	·416	·481	47·3	45·6	47·9	46·1	47·8	46·9	46·0	45·7	46·8	45·2	51·2	45·8	SSW 2–3	SSW 0·3		10	10	10	·440	
19	·808	·830	·912	·976	30·015	46·3	45·6	46·6	45·7	50·0	47·8	48·9	46·3	46·2	44·2	55·8	45·3	SW 1·0	ESE 0·3		9	9	4	·050	
20	30·090	30·080	30·012	·939	29·990	44·0	42·0	48·4	44·8	59·9	50·3	52·3	49·7	[49·5	47·7]	61·8	44·3	N 0·3	NE 0·5		8	9	10	·185	
21	·010	·010	·100	30·175	30·230	44·8	43·2	46·0	43·7	50·0	[47·0]	51·2	[47·5]	48·3	[42·8]	53·2	44·8	NNE 0·5	N 0·3		10	10	1	–	
22	·262	·255	·206	·196	·190	45·0	42·5	50·4	45·6	63·0	52·9	[60·0	53·0]	56·0	49·9	63·8	40·8	SW 0	E 0·5		4	1	9	–	
23	·162	·162	·030	·031	·030	50·8	46·6	55·7	47·9	64·4	54·7	60·2	53·0	55·0	50·3	66·0	43·8	W 0	W 0·5		0	7	10	·055	
24	29·920	29·913	29·828	29·760	29·712	49·8	48·7	50·0	48·1	50·8	48·0	50·0	47·4	49·2	48·1	62·7	49·7	WSW 0·5	WSW 0·3		9	10	10	·110	
25	·513	·496	·442	·409	·406	47·3	46·8	47·6	47·2	50·4	48·0	48·4	45·2	47·0	44·7	51·7	47·3	SW 0	WNW 0·5		10	10	9	·173	
26	·421	·421	·448	·475	·508	45·0	42·2	47·1	43·0	50·2	45·7	50·6	46·4	43·6	41·7	53·0	42·8	W 0·5	WSW 0·5		8	7	3	–	
27	·563	·557	·507	·371	·356	46·0	42·9	50·1	44·9	59·8	53·2	54·5	49·9	48·9	46·1	60·4	33·2	ENE 0·5	NE 1–2		1	3	10	·250	
28	·230	·225	·244	·336	·404	46·3	44·2	46·0	44·1	48·2	45·9	46·5	45·7	45·0	44·2	54·9	42·6	WNW 2·0	ESE 0·5		10	10	10	·090	
29	·643	·657	·740	·810	·862	49·4	46·9	53·4	49·9	55·6	48·2	48·8	47·7	46·0	44·9	59·2	40·9	ENE 0·3	NE 2·0		6	10	9	·245	Fresh snow to 1800 ft.
30	30·032	30·044	30·073	30·065	30·088	42·5	41·9	44·0	43·2	46·3	45·6	49·3	47·3	46·0	45·2	50·2	41·8	ENE 1·0	E 0·3		10	10	10	·223	
31	·127	·124	·092	·068	·076	46·5	44·4	49·1	46·2	56·6	52·8	53·9	49·7	44·3	42·9	57·8	41·1	NE 0	NW 0·5		6	5	0	–	Fresh snow to 2000 ft.
Means.	29·887	29·887	29·874	29·862	29·872	46·2	43·6	47·7	44·6	52·3	47·1	50·3	46·4	47·2	44·6	55·5	42·2	0·87		0·75	7·6	8·4	7·6	3·860	

JUNE 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·012	29·988	29·903	29·875	29·910	47·0	44·9	52·1	49·2	63·9	59·1	58·1	55·2	50·4	48·9	65·8	35·2	NE	0·3	NE	2–3	0	7	5	–	
2	29·983	·995	30·044	30·060	30·112	49·2	47·9	49·2	47·9	54·0	50·9	53·4	50·2	48·3	46·4	58·8	45·9	ENE	3–4	NE	1–2	9	10	8	–	
3	30·164	30·166	·148	·118	·152	45·2	43·7	48·6	46·7	59·3	56·6	58·0	55·0	48·3	47·1	61·4	37·2	SW	0·3	SW	0·5	8	7	1	–	
4	·171	·170	·149	·147	·155	50·3	48·7	52·3	50·0	59·9	57·0	57·5	55·0	50·6	49·1	63·0	39·0	SW	1·0	SE	0	7	7	4	–	
5	·104	·104	·063	·012	·012	52·1	50·1	52·6	50·9	54·1	52·4	49·4	49·2	49·2	48·0	57·8	42·8	SW	2–3	SW	0·5	8	9	10	·013	Mist in afternoon.
6	29·956	29·944	29·915	29·859	29·857	47·9	46·4	49·0	46·9	49·3	47·7	50·1	49·8	47·1	46·9	51·0	44·8	SW	1–2	SW	1·0	10	10	10	·050	Mist nearly all day.
7	·924	·924	·922	·903	·917	53·1	49·9	54·1	50·7	60·9	56·3	58·7	56·0	54·1	50·1	63·8	47·1	SW	0·5	SW	1·0	1	0	3	–	Haze at night.
8	·874	·871	·855	·824	·817	54·1	52·1	56·3	54·1	54·5	54·1	53·8	53·7	53·2	53·0	60·3	45·8	SW	0·5	SW	0·3	10	10	10	·135	Mist in afternoon.
9	·757	·749	·716	·685	·711	54·1	53·0	55·0	53·1	63·1	59·1	61·4	58·3	57·5	55·2	66·6	50·7	SW	0·3	SW	0	10	8	9	·046	Mist at 8h.
10	·727	·725	·750	·762	·788	57·5	55·2	60·9	48·4	58·1	56·5	53·1	52·8	57·8	57·3	64·6	51·7	NE	0·5	SW	0·5	9	10	10	·135	
11	·756	·738	·663	·632	·600	53·9	52·1	55·2	53·4	59·5	56·3	54·3	53·8	53·9	52·9	67·8	48·7	SW	0·3	SW	0·5	7	8	10	·250	
12	·508	·498	·500	·536	·568	51·9	50·9	52·4	51·2	51·9	51·4	51·1	50·7	49·1	48·4	55·9	48·0	NW	0	SW	0·5	10	10	10	·270	Mist.
13	·695	·694	·748	·790	·823	51·0	49·9	52·2	50·9	53·1	52·4	52·6	50·9	51·1	50·1	54·9	45·8	SW	0·3	SW	0·3	9	10	10	·058	Mist.
14	·701	·667	·486	·580	·615	51·1	50·0	50·3	49·9	51·9	51·7	53·7	51·7	48·9	48·0	55·9	48·7	SW	1·0	SW	1·0	10	10	10	1·060	Mist.
15	·677	·703	·775	·730	·842	50·9	49·0	51·1	49·8	54·3	52·9	50·5	49·8	49·2	48·4	55·6	47·1	WNW	3–4	W	5–6	10	9	6	·140	
16	·961	·977	30·062	30·102	30·110	50·2	49·5	50·7	49·9	55·2	54·0	52·3	51·5	50·3	49·9	57·3	48·7	W	2–3	W	2–3	9	7	8	–	
17	30·150	30·150	·132	·146	·172	51·1	50·0	52·3	51·3	59·3	58·4	58·0	57·2	52·1	50·1	61·6	48·6	W	1·5	NE	1·0	7	7	5	–	∞.
18	·172	·160	·103	·070	·109	52·9	50·2	54·1	51·9	68·7	66·6	70·1	68·3	58·2	57·2	73·9	43·3	NE	2·3	ENE	1·0	3	4	0	–	∞.
19	·084	·065	·035	·070	·134	58·0	56·0	63·4	61·7	68·7	66·6	68·9	67·2	57·5	55·8	74·5	48·7	NE	1–5	NE	1–2	1	5	2	–	∞.
20	·167	·162	·103	·110	·123	58·2	56·1	61·9	59·6	66·7	64·9	60·1	59·2	54·3	53·1	69·8	46·6	NE	0·5	W	1–2	1	1	7	–	
21	·102	·090	·046	29·970	29·952	54·6	53·9	55·5	54·9	56·5	55·9	53·3	52·9	55·0	52·4	60·8	51·9	WSW	0·5	SW	1·0	9	9	9	–	
22	29·818	29·786	29·709	·698	·675	51·5	51·1	51·6	50·7	58·5	57·6	57·2	56·0	51·6	50·9	59·5	49·8	SW	1·0	SW	1–2	10	9	10	·190	Mist at 9h.
23	·503	·503	·501	·580	·649	49·6	49·1	51·6	50·4	52·3	51·3	50·1	49·7	49·2	48·9	57·5	46·3	SW	1–2	W	1·0	9	10	8	·340	
24	·736	·725	·676	·636	·632	51·1	50·7	52·9	51·9	50·9	50·0	54·8	54·0	51·1	50·2	55·7	47·8	SW	1–2	SW	1·5	7	10	9	·233	
25	·728	·742	·782	·804	·829	50·0	49·1	51·2	50·8	54·3	53·4	52·1	51·5	49·1	48·4	58·2	45·9	SW	1–5	SW	1·0	10	8	9	·045	
26	·926	·934	·978	30·026	30·065	50·5	49·9	51·3	50·7	54·1	53·4	55·0	54·1	48·4	47·9	58·3	46·3	W	1·0	SW	1·0	8	7	3	·063	
27	30·137	30·137	30·134	·120	·121	50·9	50·2	51·9	51·4	56·1	51·2	54·8	51·6	49·1	47·9	58·8	46·8	SW	1·0	SW	0·5	9	9	6	–	
28	·113	·113	·124	·149	·178	51·4	50·9	52·9	50·4	59·1	58·3	54·3	54·0	53·3	52·0	59·8	46·3	SW	0·5	SW	1·0	7	9	10	·020	
29	·253	·264	·278	·278	·310	51·9	51·6	52·5	51·9	56·6	54·2	58·9	56·0	56·1	54·4	59·6	51·7	SW	1·0	SW	0·3	10	9	9	–	Mist at 8h and 9h.
30	·322	·318	·310	·294	·286	50·1	49·4	51·4	50·3	64·9	58·4	63·9	59·1	54·4	53·1	66·8	48·3	SW	0·3	SW	0·3	10	3	2	–	Mist at 8h and 9h.
31																										
Means.	29·939	29·935	29·920	29·919	29·941	51·7	50·4	53·2	51·4	57·7	55·6	56·0	54·5	51·9	50·7	61·2	46·5		1·24		1·07	7·6	7·7	7·1	3·048	

JULY 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·214	30·206	30·170	30·134	30·135	56·4	54·0	58·3	55·5	70·7	61·4	66·6	60·4	64·3	59·7	72·8	48·3	SW	0·9	SW	0·3	2	1	10	–	
2	·213	·213	·243	·237	·259	59·5	56·6	60·9	57·4	60·9	58·1	59·0	57·2	56·3	56·0	69·8	57·7	SW	1–2	SW	0·3	4	10	10	·063	
3	·269	·268	·258	·278	·279	55·0	54·4	55·0	54·8	60·2	57·9	61·7	56·0	53·1	50·9	66·4	54·2	SW	0·3	SW	0·3	10	9	2	–	
4	·198	·201	·189	·222	·253	55·5	53·1	54·1	52·7	58·4	56·6	56·2	54·0	54·0	51·7	63·1	51·0	SW	1·0	SW	0·5	10	9	10	·030	
5	·233	·219	·170	·079	·046	52·6	52·0	53·1	52·4	57·0	55·2	55·3	54·7	55·9	54·6	57·8	51·8	SW	0·5	SW	1·0	10	10	10	·624	
6	29·923	29·923	29·947	29·947	29·946	55·0	53·2	55·8	53·8	60·7	53·9	57·3	52·3	54·1	50·7	63·3	52·9	SW	0·5	SW	1·0	9	6	10	·040	
7	·860	·852	·831	·819	·820	52·9	51·4	52·6	51·8	55·4	54·0	56·3	49·4	51·3	48·3	58·8	50·7	SW	1·0	SW	0·5	10	10	10	·060	
8	·815	·818	·860	·911	·977	51·5	48·9	54·8	50·3	55·4	49·9	57·0	48·9	47·3	43·0	60·9	47·3	SW	0·3	SE	0·5	9	8	3	–	
9	30·058	30·061	30·044	30·034	30·062	47·6	44·1	51·3	45·4	56·0	43·7	54·1	50·2	52·1	48·2	59·7	37·7	W	0·5	SW	0·3	4	6	10	·020	
10	·121	·104	·058	·018	29·975	53·9	49·9	54·3	49·7	56·0	51·8	52·1	50·2	51·1	50·1	60·4	47·8	SW	0·5	SW	1–2	8	9	10	·580	
11	29·817	29·813	29·784	29·779	·782	55·0	54·9	55·0	54·9	55·8	55·5	58·0	57·9	54·3	54·0	60·0	50·7	SW	0·5	SW	0·3	10	9	10	·550	
12	·768	·768	·752	·756	·760	53·3	51·3	52·1	51·3	54·8	53·8	54·1	51·4	54·4	50·2	58·8	52·2	SW	1·0	SW	1·0	10	8	10	·368	
13	·714	·714	·662	·532	·450	52·1	50·9	53·2	51·1	55·4	53·0	52·9	51·9	51·2	50·2	58·1	50·2	SW	1·0	Calm	0	10	9	10	·680	
14	·276	·284	·345	·411	·450	52·1	49·2	52·3	48·9	54·8	49·4	54·1	48·7	50·1	46·7	60·0	49·9	W	1–2	W	0·5	9	6	9	·090	
15	·551	·548	·556	·567	·550	51·3	48·2	51·3	48·9	55·0	49·7	53·1	49·4	50·4	47·7	57·6	49·7	SW	1-2	WSW	1·0	10	9	9	·040	
16	·638	·648	·738	·773	·802	53·5	48·2	54·8	48·2	51·1	48·0	56·8	50·9	50·9	47·1	59·0	47·0	WNW	1–2	W	1·0	7	9	5	·090	
17	·880	·882	·873	·835	·841	53·1	50·4	54·3	51·2	60·9	53·1	61·9	54·1	53·1	49·8	64·8	48·7	SW	0·5	SW	0	9	2	1	·040	
18	·719	·703	·656	·609	·566	55·3	54·3	56·8	55·3	59·0	57·5	60·6	58·8	59·9	57·0	63·0	50·7	Calm	0	S	0·3	10	10	10	·446	
19	·498	·505	·539	·564	·628	59·0	57·3	60·9	58·1	68·1	57·9	60·8	55·1	54·5	54·0	70·2	56·8	SW	1·0	SW	1·0	7	4	10	·060	
20	·779	·783	·847	·851	·885	55·8	53·2	58·0	54·8	61·1	56·3	63·3	56·7	59·5	55·1	68·0	51·7	SW	1·0	SW	0·3	7	8	10	·033	
21	·821	·814	·703	·606	·602	67·9	59·6	69·2	60·1	69·5	62·2	65·1	60·1	63·2	62·2	75·8	58·0	SSW	1·0	S	0·3	2	10	10	·133	Sheet lightning 23h to midnight.
22	·458	·424	·326	·318	·328	60·0	55·3	61·7	56·0	69·9	59·1	60·1	54·5	55·0	54·0	70·8	56·7	SSE	0·5	SW	0	10	7	10	·443	
23	·409	·413	·469	·462	·463	53·9	52·9	53·9	53·2	54·5	54·1	58·0	55·0	55·0	53·5	61·3	53·7	SW	1·0	SW	0·3	10	10	10	·330	
24	·471	·473	·488	·515	·517	55·8	54·8	58·0	56·9	56·3	55·3	55·2	54·4	53·8	52·9	65·2	53·5	W	0	Calm	0	9	10	10	·661	
25	·563	·563	·570	·556	·580	54·5	53·4	56·4	54·7	57·5	55·2	57·0	56·0	53·2	51·9	58·8	52·2	NNE	0	NE	1·0	10	10	10	·040	Aurora 20h to midnight.
26	·606	·610	·640	690	·726	53·1	50·4	53·9	50·9	55·8	51·4	50·5	48·9	49·1	45·7	59·1	51·2	NE	4–5	NE	3–4	9	8	8	·020	
27	·830	·835	·886	·935	·989	49·4	46·7	51·9	50·1	56·0	52·2	58·4	50·9	48·1	44·9	60·0	45·8	NE	0·5	SE	0·3	7	7	6	·023	
28	30·024	30·025	30·031	30·025	·999	52·1	47·9	53·9	48·7	55·5	52·9	58·2	51·9	51·1	48·2	60·8	46·7	WNW	1·0	SW	0·3	9	9	4	·110	Aurora 23h (18h obs. made at 19h).
29	29·918	29·918	29·864	29·791	·783	53·9	49·4	54·0	50·5	57·0	52·9	57·2	52·2	55·2	50·9	59·6	48·0	SE	0	SSE	2–3	10	10	10	·025	
30	·734	·724	·688	·677	·691	52·3	51·0	52·6	51·2	58·0	56·0	55·0	52·9	51·2	49·4	62·5	52·2	SW	0	NE	1·0	10	9	10	–	
31	·688	·676	·655	·670	·681	52·6	49·9	54·6	51·1	59·6	54·0	56·5	50·2	52·2	49·4	62·3	48·7	NE	0·3	W	0·5	8	8	5	·020	
Means.	29·809	29·806	29·801	29·794	29·801	54·4	51·8	55·5	52·6	58·5	54·3	57·5	53·4	53·7	51·3	62·9	50·8		0·82		0·69	8·4	8·1	8·5	5·619	

AUGUST 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·686	29·686	29·668	29·648	29·648	51·4	46·7	52·2	47·7	53·7	48·9	53·7	48·0	51·0	47·2	57·5	48·3	W	1·0	WSW	1–2	7	9	8	·010	
2	·742	·747	·775	·841	·912	50·6	46·4	51·3	47·4	53·8	49·9	52·1	47·5	50·1	44·9	58·8	49·0	WNW	1·0	W	1–2	6	9	7	·021	
3	30·038	30·051	30·066	30·089	30·107	50·1	46·5	50·1	47·7	60·9	52·2	56·5	50·9	48·9	46·7	63·1	44·7	SW	0·3	W	0·3	7	6	1	–	
4	·129	·114	·081	·045	·049	49·6	47·9	52·6	49·2	60·4	56·8	60·9	57·4	51·2	51·1	68·6	49·8	S	0·0	SW	0·3	5	8	9	–	
5	29·909	29·896	29·777	29·753	29·761	55·9	51·9	59·2	54·5	58·1	56·3	57·8	56·0	56·0	56·0	68·2	49·7	SW	1·0	SW	0·5	9	10	10	·058	
6	·821	·824	·793	·811	·823	54·4	54·0	54·1	53·2	58·6	57·7	62·9	58·8	54·1	52·9	68·1	53·7	SW	1·0	SW	1·0	10	10	5	·190	
7	·678	·666	·725	·767	·787	55·0	54·9	57·5	56·4	59·1	57·0	58·2	54·8	55·0	52·9	63·2	51·7	SW	1-2	SW	1–2	10	10	10	·260	
8	·820	·813	·825	·827	·850	54·1	53·4	56·0	55·0	57·0	54·2	55·4	54·4	54·4	51·9	63·8	52·7	SW	0·5	SW	1·0	9	10	10	·135	
9	·873	·867	·862	·861	·859	55·2	53·1	56·0	54·3	55·8	52·7	53·4	52·9	52·0	50·1	61·8	52·0	W	1·0	SW	0·5	9	10	7	·103	
10	·764	·740	·637	·603	·580	53·4	51·9	55·1	52·4	55·6	53·6	54·3	53·0	52·3	51·4	60·7	50·7	SW	0·3	Calm	0	8	10	10	·205	
11	·666	·665	·670	·710	·723	51·3	48·2	53·3	49·4	57·2	51·4	54·9	50·5	52·1	49·3	60·0	47·8	SW	0·5	W	0·5	7	8	9	·075	
12	·733	·723	·686	·659	·619	52·5	50·3	52·1	51·0	60·1	54·3	54·1	51·9	51·7	51·2	61·8	49·7	WSW	1·0	ENE	0·3	8	6	10	·085	
13	·510	·499	·532	·603	·655	54·0	52·2	54·9	53·9	58·0	55·0	53·5	50·9	51·6	49·9	61·7	50·7	ENE	2–3	ENE	2–3	8	9	10	–	
14	·857	·864	·876	·914	·933	53·1	49·2	54·3	49·4	62·7	52·6	57·6	51·4	51·4	48·0	64·0	46·0	NE	0·5	SW	0·3	8	3	8	-	
15	·777	·750	·671	·628	·562	56·0	52·0	57·8	53·8	56·7	56·3	58·6	58·1	56·3	56·0	59·4	50·0	WSW	2–3	SW	0·3	10	10	10	·670	9 A.M. a thin scud under upper clouds —very rapid.
16	·444	·464	·475	·558	·656	54·3	53·6	53·9	53·4	55·3	55·0	55·3	55·0	57·0	54·2	59·6	54·0	SW	3–4	SW	1–2	10	10	9	·310	
17	·964	·989	30·034	30·061	30·119	53·1	50·1	52·6	49·4	62·9	54·6	58·5	52·5	55·2	48·1	65·8	52·7	NW	3–4	SW	0·3	9	2	3	·012	
18	30·136	30·140	·115	·093	·090	[54·0	53·0]	[54·5	53·5]	55·0	54·0	55·2	55·0	55·0	55·0	60·8	52·5	SW	0·5	SW	1·0	10	10	10	·303	
19	·190	·208	·206	·209	·228	56·5	54·9	58·0	54·5	63·7	57·7	59·0	54·6	54·1	50·9	65·1	54·2	SW	0·3	SW	2–3	9	1	7	·001	
20	·132	·132	·073	·078	·088	55·8	55·2	56·2	56·0	56·8	56·2	57·0	54·3	55·0	52·9	61·8	52·7	SW	1·0	SW	1·0	10	10	8	·215	
21	·176	·162	·156	·149	·169	53·2	50·9	54·8	51·9	57·0	52·4	55·8	50·4	49·1	46·9	60·0	49·7	SW	0·3	SW	0·3	8	10	3	–	
22	·186	·188	·135	·115	·096	44·8	43·7	48·3	46·7	60·2	58·1	57·2	53·1	50·3	48·9	62·8	38·3	E	0	SW	0·3	0	0	0	–	
23	·038	·000	29·943	29·912	29·885	47·6	46·9	50·6	49·0	57·0	55·0	57·5	55·3	56·2	55·5	61·3	40·6	ESE	0	SW	0	7	10	10	·032	
24	29·842	29·842	·829	·820	·796	55·9	54·2	55·3	54·5	57·0	56·0	56·0	55·0	55·3	54·8	58·8	50·2	SW	0·5	SW	1–2	10	9	10	·110	
25	·780	·780	·758	·706	·653	54·4	54·0	55·0	54·3	55·3	54·9	55·3	52·9	54·1	53·1	60·0	49·1	SW	1–2	SW	1–2	10	10	10	·465	
26	·752	·744	·714	·759	·836	54·5	52·4	54·2	52·9	54·1	53·8	54·6	54·2	52·1	50·1	56·8	52·4	SW	0·3	W	0·5	9	10	6	·200	
27	30·022	30·040	30·084	30·078	30·066	54·1	50·1	54·5	50·1	58·5	52·8	55·5	51·2	53·1	50·9	62·0	50·2	SW	1·0	Calm	0	5	8	10	·263	
28	29·929	29·929	29·847	29·814	29·819	54·3	54·0	55·3	55·2	62·2	59·3	58·0	58·1	58·0	57·6	64·0	52·2	E	0	SW	2·0	10	10	10	·170	
29	·817	·821	·859	·861	·843	56·2	54·0	57·0	55·0	57·0	56·2	57·5	56·5	58·5	57·0	59·3	54·2	SW	2·0	SW	1–2	9	10	9	·025	
30	·791	·785	·776	·748	·725	58·0	57·6	62·1	59·2	64·7	61·5	62·4	60·1	62·2	61·2	67·1	56·0	SW	1·0	SW	1·0	9	9	9	·990	Rainfall during night.
31	·791	·803	·866	·889	·909	55·0	55·0	55·0	55·0	61·8	57·0	59·9	56·5	56·5	55·0	65·1	55·2	SW	1·0	SW	0·5	10	5	8	·055	
MEANS.	29·871	29·869	29·855	29·858	29·866	53·5	51·6	54·6	52·4	58·3	54·9	56·7	53·9	53·9	52·0	62·3	50·1		1·00		0·88	8·3	8·1	7·9	4·963	

SEPTEMBER 1886

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·937	29·955	29·985	29·989	30·005	55·0	54·0	55·5	54·5	57·7	54·5	55·5	52·1	53·4	51·9	60·8	54·4	SW	0·5	SW	0·5	9	5	8	·180	
2	30·084	30·094	30·104	30·151	·191	52·3	50·9	52·6	50·9	59·7	53·0	58·1	54·0	48·4	47·2	61·3	49·2	SW	0·5	SW	0	4	5	6	–	
3	·258	·256	·233	·213	·229	44·0	43·4	48·1	45·9	61·9	55·0	58·0	52·7	50·1	47·4	63·3	40·3	N	0	SW	0·5	1	0	1	–	
4	·194	·175	·070	·003	·007	45·2	43·9	50·4	48·2	70·4	59·9	68·4	62·8	55·0	52·9	73·8	38·8	NE	0·3	E	0	0	0	0	–	
5	29·857	29·841	29·795	29·721	29·690	58·0	56·5	59·0	56·8	66·3	61·8	64·4	61·3	59·9	59·1	68·8	50·7	S	0	S	0	8	9	9	·133	
6	·656	·658	·647	·566	·467	54·5	54·0	54·6	53·3	55·5	55·0	56·0	55·0	54·4	54·0	65·8	54·2	SW	1·0	SW	0	9	10	10	·915	
7	·663	·674	·652	·677	·588	48·3	47·1	50·1	47·0	50·6	49·9	52·9	50·2	54·1	50·9	58·1	47·2	SW	2–3	SW	1·0	10	10	7	·304	
8	·355	·308	·312	·397	·458	57·0	55·0	59·0	55·2	56·8	54·2	51·6	50·4	50·3	48·2	60·8	49·2	SW	2-3	SW	1·0	10	9	8	·633	
9	·526	·494	·224	·317	·385	52·4	48·9	53·3	49·4	59·1	55·8	53·6	50·1	51·1	49·3	63·1	47·7	SW	1·0	SW	1·0	10	10	10	·460	Gale at 15h.
10	·491	·499	·552	·571	·592	48·9	46·9	50·1	47·7	49·0	47·9	50·6	48·9	50·6	49·0	54·7	46·3	WSW	0·5	SW	1–2	10	10	10	·460	
11	·492	·486	·443	·434	·490	52·1	50·9	52·6	51·4	56·0	56·0	55·5	55·0	54·1	53·1	59·0	48·7	SW	2–3	SW	1–2	7	10	9	·890	
12	·675	·689	·785	·883	·937	54·1	52·9	54·1	52·4	56·9	54·9	55·6	53·0	51·1	49·4	60·1	52·2	SW	0·3	SW	1·0	10	10	10	1·766	
13	30·000	30·014	·987	·892	·925	48·4	47·9	49·9	48·9	53·6	51·9	50·1	49·9	49·4	49·2	57·0	46·3	SW	0·3	SW	0·3	9	9	5	·125	
14	·083	·110	30·210	30·268	30·380	51·1	49·2	52·6	48·5	57·0	54·0	54·1	51·9	46·0	45·4	59·8	48·5	N	0	Calm	0	10	10	10	·843	
15	·573	·583	·576	·571	·593	46·0	43·9	49·1	45·2	57·3	53·4	52·6	50·9	48·4	46·9	59·8	39·3	NNW	2–3	ENE	0·3	6	8	2	–	
16	·601	·580	·497	·456	·455	39·3	38·9	43·5	41·4	56·3	50·9	50·6	46·9	44·8	43·7	57·8	35·2	NE	0·5	W	0·5	0	2	2	–	
17	·400	·398	·320	·291	·301	40·0	39·2	45·0	43·7	59·7	56·2	53·1	51·4	46·0	44·9	61·3	36·2	NW	0	SE	0	4	4	0	–	
18	·281	·278	·224	·207	·218	43·0	42·4	46·5	45·1	59·4	56·8	53·1	50·9	46·0	44·9	60·8	37·2	E	0·3	SE	0	2	0	0	–	
19	·185	·185	·110	·088	·104	41·6	41·0	46·5	44·9	59·3	57·5	52·8	50·5	45·0	43·9	59·8	39·5	NE	0	S	0	3	3	0	–	
20	·069	·061	·025	29·988	29·987	44·0	43·2	46·6	45·4	54·1	47·7	49·3	47·1	48·1	45·9	54·8	38·3	ESE	0	ESE	0	1	1	0	–	
21	29·976	29·976	29·956	·958	·988	45·2	42·9	46·3	43·9	55·0	49·9	48·6	45·5	46·3	44·9	56·0	44·5	NE	0·5	E	0·5	9	9	10	–	
22	30·080	30·082	30·080	30·090	30·118	46·1	43·9	48·9	44·9	54·1	47·1	48·2	44·4	47·2	43·8	55·8	43·5	NNE	2–3	NNE	2–3	9	8	1	–	
23	·178	·178	·158	·155	·155	46·0	43·1	47·0	44·0	51·1	46·9	50·9	47·7	48·1	46·9	52·2	43·3	NE	2·0	NE	0·5	8	8	3	–	
24	·143	·137	·107	·082	·071	48·0	43·1	48·4	45·4	51·1	46·7	49·9	46·8	48·1	45·9	52·6	47·1	NE	0	E	0	6	10	10	–	
25	29·990	29·976	29·907	29·848	29·841	45·0	43·9	46·3	45·0	45·2	42·9	49·2	47·8	49·1	48·1	51·5	44·3	SW	0	SW	0·3	10	10	9	–	
26	·938	·900	·970	·895	·793	50·1	48·9	51·2	49·9	56·5	51·4	50·1	46·7	53·1	47·9	59·4	48·4	NE	0	Calm	–	10	10	10	·100	
27	·376	·376	·430	·441	·455	54·1	51·4	54·1	50·9	51·7	47·9	51·1	46·9	51·1	46·7	55·7	48·4	SW	0·3	S	1·0	7	5	10	·780	
28	·623	·647	·722	·755	·672	51·4	47·9	50·1	46·9	53·1	47·9	49·6	46·4	49·9	47·7	55·7	48·3	SW	2·0	W	5–6	10	6	5	·604	
29	·663	·646	·563	·532	·523	48·1	47·1	48·3	47·4	50·1	49·4	54·2	54·1	56·0	56·0	54·7	47·2	WSW	3–4	SSW	3·0	9	7	10	·135	T at 19h 40m and 22h 45m, l. at 21h.
30	·605	·605	·570	·482	·440	57·0	57·0	57·8	57·9	59·5	59·1	60·7	57·8	60·9	58·1	61·8	50·0	ESE	0	SW	0·5	10	10	10	·826	
31																		SW	1·0	SW	4–5	10	10	10	·060	
Means.	29·932	29·929	29·907	29·897	29·902	48·9	47·3	50·6	48·4	56·1	52·5	53·6	51·0	50·5	48·8	59·2	45·5		0·89		0·88	7·0	6·9	6·2	8·754	

OCTOBER 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·483	29·490	29·458	29·443	29·469	53·1	47·9	55·0	48·4	55·9	48·9	52·7	47·9	51·1	47·9	62·7	53·2	SW	3–4	SW	0·3	6	10	8	·232	
2	·600	·626	·750	·830	·876	47·3	46·2	49·3	48·5	57·0	51·4	48·3	47·1	47·5	46·1	57·8	46·3	SW	0–3	SE	0	9	2	9	·130	
3	·907	·921	·936	·952	30·002	52·1	50·9	52·4	50·9	53·9	52·8	53·6	52·4	54·1	52·9	54·7	47·1	S	0	E	0·5	10	10	10	·415	
4	·996	30·003	·947	·933	29·935	52·9	50·1	56·0	52·0	64·2	58·7	62·0	58·0	61·3	57·7	66·2	51·2	SW	0	Calm	0	8	9	9	–	
5	·876	29·873	·917	·783	·770	62·9	58·8	62·9	59·1	65·4	60·4	61·9	57·9	57·2	55·3	67·8	55·7	SSW	1–2	Calm	0	9	10	2	–	
6	·764	·774	·802	·780	·733	58·3	56·7	58·2	56·9	57·3	56·3	56·0	55·9	55·1	54·9	61·8	56·3	SW	0	N	0	10	10	10	·360	T at 18h and 21h 45m.
7	·724	·740	·800	·828	·837	52·4	51·9	53·3	52·2	59·5	54·4	54·1	51·2	52·5	50·9	59·8	52·2	SW	1·0	SW	0	10	2	10	·093	
8	·872	·890	·885	·883	·886	50·1	49·7	50·4	50·0	57·8	54·9	53·6	51·9	52·3	51·3	58·8	49·2	NE	0	N	0·3	4	4	10	–	
9	·697	·673	·481	·326	·238	52·4	47·9	54·2	49·5	58·0	52·4	58·0	57·7	55·1	52·9	59·8	45·3	E	0·5	SE	1–2	9	5	10	·690	
10	·363	·380	·414	·470	·503	46·8	44·9	44·9	43·7	48·6	45·9	46·0	44·3	45·0	44·4	57·8	44·1	SW	1–2	Calm	0	10	9	10	·323	
11	·626	·631	·530	·354	·346	45·0	43·8	46·1	44·8	47·8	46·4	53·5	50·9	51·5	49·9	54·1	42·3	SW	0·3	SSW	3–4	7	10	10	1·548	
12	·065	·068	·068	·067	·070	51·1	50·4	50·3	49·2	52·0	49·8	46·3	45·7	44·9	44·3	55·1	44·1	SW	1–5	WSW	0·3	10	7	7	·258	
13	·152	·158	·188	·235	·264	46·4	45·9	47·4	46·9	50·4	47·9	46·8	44·7	45·9	44·9	52·7	42·4	SW	0	W	0	7	4	10	·188	
14	·457	·464	·505	·506	·457	47·0	46·2	48·5	47·2	50·4	47·9	48·1	46·6	45·9	44·9	53·6	44·1	SSW	1·0	SW	0·3	9	4	8	·040	
15	·190	·073	28·954	28·926	28·842	52·1	48·7	51·3	48·7	52·1	49·9	52·4	50·2	51·6	50·1	53·1	42·8	ENE	0·5	NE	2–3	10	10	10	–	
16	·148	·172	29·225	29·215	29·164	52·1	50·9	52·4	51·2	51·6	50·9	50·1	49·9	49·1	48·9	53·7	49·5	NE	2·0	SE	0	10	10	10	·610	
17	·267	·308	·480	·600	·685	50·1	48·8	51·1	48·9	53·5	50·6	50·9	47·9	49·3	46·8	54·8	44·3	NE	1–2	NE	2–3	9	8	9	·020	
18	·798	·807	·821	·853	·878	47·5	44·7	49·1	45·2	51·4	46·5	48·5	45·4	47·3	44·9	52·3	45·8	ENE	2–3	NE	1–2	8	7	6	–	
19	·896	·898	·876	·842	·850	46·0	44·9	47·0	45·7	47·8	46·2	47·8	46·1	47·5	45·9	49·7	45·3	NE	1·0	NE	1·0	9	10	10	–	
20	·758	·750	·718	·710	·738	44·5	43·9	45·8	44·9	48·4	46·9	47·5	46·9	47·0	46·9	49·5	42·3	NE	0·3	Calm	0	9	10	10	·055	
21	·832	·850	·854	·864	·873	45·0	44·9	46·6	46·2	50·1	48·9	45·3	44·2	44·9	43·9	50·9	44·6	E	0	E	0	9	9	10	·280	
22	·888	·888	·892	·936	30·006	43·9	43·1	44·0	43·1	53·3	48·3	42·0	40·1	39·2	38·1	53·7	42·6	SSE	0	E	0	4	5	0	–	
23	30·228	30·234	30·262	30·310	·361	34·7	34·3	34·7	34·4	49·7	46·8	44·2	43·7	46·2	45·4	50·7	34·1	NE	0	ESE	1·0	1	6	6	·010	
24	·460	·474	·475	·479	·505	40·3	40·1	40·3	40·1	53·1	50·9	47·3	45·9	49·1	46·9	55·7	39·5	Calm	0	S	1–2	8	2	6	.	
25	·526	·517	·448	·437	·451	36·5	35·8	36·3	35·9	51·1	48·7	45·0	43·4	88·0	36·9	51·7	35·2	N	0·3	E	0	1	2	0	–	
26	·436	·436	·360	·370	·304	34·8	34·6	34·7	34·7	45·2	43·7	43·5	42·7	42·2	40·9	45·8	31·5	NE	0	S	0	10	9	2	.	
27	·128	·106	·028	29·984	·004	42·0	40·9	42·0	40·9	52·1	49·7	48·7	43·9	46·1	44·9	52·5	40·3	SSE	2–3	ESE	1·0	0	0	0	–	
28	·043	·046	·070	30·095	·106	49·4	48·0	49·4	48·0	52·4	50·9	46·6	46·1	43·2	42·9	53·5	42·1	NE	0·3	E	0	9	7	0	·010	
29	·002	·006	29·974	·050	·100	47·6	46·6	47·5	46·6	49·7	49·2	53·3	52·1	52·7	51·4	54·7	42·3	ESE	0	WSW	3–4	10	10	7	·096	
30	·221	·221	30·155	·113	·032	48·4	47·9	48·4	47·9	51·9	50·8	50·5	50·1	52·1	50·1	54·0	46·5	N	0	S	0	8	9	8	·150	
31	29·800	29·826	29·830	29·795	29·755	53·6	52·9	53·6	52·9	54·0	52·5	47·4	46·2	51·6	49·9	56·7	46·5	SW	2·0	SW	2·0	7	6	2	·207	
Means.	29·781	29·784	29·777	29·773	29·776	47·9	46·5	48·5	47·0	53·1	50·3	50·1	48·3	48·9	47·5	55·3	44·8		0·83		0·75	7·7	7·0	7·1	5·715	

NOVEMBER 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·631	29·628	29·700	29·696	29·637	48·4	46·9	49·1	48·1	49·9	46·1	49·1	44·4	50·4	47·7	52·5	46·8	SW	1–2	SW	3–4	10	5	10	·550	
2	·848	·880	·961	·960	·901	46·3	44·2	46·5	44·8	50·1	48·9	47·3	46·3	47·5	47·3	51·7	45·3	SW	1·0	SW	4–5	4	3	3	·620	During night heavy SW. storm.
3	·407	·348	·291	·339	·411	52·1	51·7	52·4	51·9	46·3	44·9	45·0	44·2	43·4	42·9	55·1	46·8	SW	4–5	SW	1·0	10	10	8	1·100	Snow to 1700 feet.
4	·460	·460	·415	·416	·485	42·2	42·1	43·2	42·8	44·0	43·1	41·3	41·0	38·9	3·87	45·6	39·8	SW	1–2	WSW	1·0	9	9	8	·450	
5	·407	·412	·347	·336	·328	38·0	37·8	38·5	38·2	45·2	43·4	38·8	38·6	37·0	36·9	45·8	37·2	NE	0·3	E	0·3	9	7	1	–	Snow to 1000 feet.
6	·330	·351	·307	·405	·467	42·0	41·2	42·1	41·4	43·6	42·8	43·0	41·9	41·8	40·7	44·8	36·2	NE	3–4	NE	1–2	8	9	7	·012	21h obs. made at 21h 30m.
7	·587	·606	·611	·590	·566	40·0	39·1	38·5	37·9	41·3	40·4	39·0	38·1	40·9	40·4	43·8	37·0	N	0	S	1·0	7	9	10	·190	
8	·255	·340	·283	·290	·323	44·2	43·9	44·5	43·9	44·5	43·2	42·5	40·9	40·6	39·9	47·5	37·2	SW	1·0	SW	0·3	10	10	3	·220	
9	·300	·417	·512	·620	·697	42·2	41·2	43·3	41·9	47·3	43·8	43·0	41·2	44·3	42·2	48·6	37·0	NE	1·0	NE	0·5	10	5	4	–	
10	·728	·733	·722	·784	·807	42·3	40·9	43·6	41·3	47·8	45·3	44·1	42·1	44·0	41·9	48·7	40·3	NE	0·5	NE	1–2	10	9	9	·050	
11	·842	·863	·762	·641	·537	40·0	38·7	40·0	38·7	43·0	40·9	39·9	39·0	39·0	38·9	44·8	38·5	ESE	0·5	SW	0·3	9	10	10	·365	
12	·470	·475	·465	·477	·482	37·8	37·7	37·4	37·3	46·0	44·1	44·2	43·3	38·0	37·4	46·8	36·2	E	0·3	Calm	0	9	8	5	·038	
13	·335	·323	·338	·338	·355	41·0	40·9	42·0	41·8	45·5	43·1	43·0	41·2	42·3	41·9	47·0	35·2	SW	0·3	SW	0·3	10	9	9	·110	
14	·452	·472	·411	·353	·321	34·1	34·0	34·9	34·8	43·2	42·3	42·2	42·1	43·1	43·0	43·8	33·3	NE	0	Calm	0	7	10	10	·240	
15	·204	·180	·060	·032	·088	47·7	46·9	47·4	46·7	48·1	47·9	48·1	46·3	47·0	46·2	49·7	41·5	NE	0	SW	3–4	10	10	10	·642	
16	·377	·396	·380	·353	·324	36·7	35·8	36·2	35·8	40·0	39·4	35·1	35·0	37·9	37·9	49·4	35·3	SW	0·3	S	1·0	3	8	10	·850	Snow to 900 feet.
17	·322	·342	·400	·464	·486	38·2	37·4	39·0	38·2	41·2	39·9	43·2	41·8	43·3	42·9	43·6	33·5	SW	0·5	SW	3–4	7	9	1	·160	Snow heavier.
18	·892	·938	·990	·980	·968	36·2	35·8	36·2	35·8	42·1	41·2	36·4	36·2	37·1	37·0	45·0	35·2	S	0	SW	0	0	3	10	·495	
19	·876	·881	·896	·925	·963	45·1	45·1	46·2	46·0	51·1	50·9	51·1	50·9	52·1	51·9	51·9	35·4	SW	0·5	SW	1·0	10	10	10	·465	
20	·944	·942	·912	30·057	30·168	54·1	53·1	54·2	53·0	51·1	50·9	48·1	45·2	45·8	43·2	56·1	46·2	SW	3-4	SW	1·0	9	10	9	·582	Snow clear to 300 ft.
21	30·372	30·380	30·377	·377	·374	33·7	33·3	33·7	33·4	39·3	38·2	34·9	33·8	32·7	31·1	50·9	33·0	E	0	NE	0	0	1	0	·020	Fog on Loch 10h to 12h.
22	·316	·320	·317	·350	·359	42·0	41·4	42·1	42·0	48·1	46·7	48·1	47·0	47·6	47·0	49·2	32·2	S	0	SW	0	10	9	10	·032	
23	·453	·468	·507	·561	·589	46·1	45·0	46·4	46·0	48·2	47·9	49·1	48·9	49·2	49·0	49·7	44·3	SW	0·3	SW	0	10	10	10	·058	
24	·677	·683	·695	·702	·716	46·5	45·4	47·7	46·5	50·3	49·7	50·4	49·9	50·6	49·7	51·2	44·3	SW	0	SW	0·5	10	10	9	–	
25	·677	·677	·636	·624	·602	50·1	48·4	49·3	48·3	51·5	49·1	47·9	46·2	47·9	46·9	51·7	48·4	S	0	NE	0·3	9	9	2	–	
26	·507	·492	·458	·463	·458	44·5	43·9	44·1	43·9	47·1	45·9	44·0	43·6	43·2	43·1	53·3	40·3	SE	0	SE	0	10	9	3	·045	
27	·401	·398	·332	·270	·238	42·1	42·0	42·5	42·4	46·0	44·1	45·5	44·3	46·0	45·4	47·0	41·5	W	0	SW	1–2	10	9	10	·090	Roses still on bushes.
28	·042	·016	29·924	29·648	29·487	48·2	47·0	47·9	46·9	47·3	46·7	48·1	47·5	48·9	48·2	48·7	45·2	SW	4–5	SW	7–8	10	10	10	·876	
29	29·282	29·283	·238	·307	·347	44·5	44·3	45·9	44·8	44·0	45·4	43·6	41·6	41·4	40·2	48·4	42·5	SW	2·0	SW	1–2	9	9	10	·480	
30	·576	·620	·700	·762	·761	39·2	36·3	38·5	38·4	40·9	36·8	36·8	38·2	36·0	34·0	44·5	36·2	ENE	1–2	SW	0·5	6	8	9	·050	Snow to 900 feet.
31																										
Means.	29·766	29·777	29·765	29·771	29·775	42·8	42·0	43·1	42·3	45·8	44·4	43·8	42·6	43·4	42·4	48·6	39·4		0·97		1·25	8·2	8·2	7·3	8·790	

DECEMBER 1886.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at.		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·756	29·737	29·515	29·656	29·775	35·9	32·8	37·0	32·8	37·8	34·8	32·0	29·7	30·1	29·3	39·7	33·2	WNW	1·0	E	0·5	3	10	2	·120	Snow at Sea Level.
2	·912	·914	·932	·932	·930	27·4	27·3	27·9	27·8	32·9	32·6	29·9	29·8	27·9	27·8	33·8	26·2	S	0·3	W	0	3	9	1	–	
3	·875	·862	·770	·640	·576	34·7	33·3	35·5	34·0	39·0	37·7	39·0	38·9	40·0	38·9	39·8	24·4	WSW	1·0	SW	3–4	10	10	10	·826	
4	·636	·680	·792	·881	·917	40·0	34·8	39·0	34·9	42·4	41·5	35·6	34·9	36·3	34·8	43·2	37·8	W	1·0	S	0·3	6	1	10	·060	
5	·714	·708	·647	·507	·347	40·2	40·1	41·5	41·4	48·8	45·9	46·2	45·9	51·9	49·7	49·5	34·4	SW	2·0	SW	4–5	10	10	10	1·040	
6	·329	·351	·290	·220	·170	43·2	41·2	45·0	39·9	43·9	40·4	39·1	37·9	39·0	36·8	52·7	40·7	SW	1–2	W	1·0	9	10	9	·320	T² and l. 6h to 7h.
7	·173	·185	·215	·190	·140	34·9	34·1	34·4	33·8	36·0	33·9	34·4	34·3	33·9	33·3	40·8	34·0	SW	1·0	SW	0·5	10	6	10	·680	
8	28·080	27·996	27·804	27·810	27·836	35·9	34·8	37·8	35·3	39·2	36·3	34·4	33·2	34·9	34·8	40·8	32·2	SE	3–8	ENE	1·0	10	9	3	·428	Snow in morn to 300 feet.
9	·317	28·362	28·525	28·618	28·727	38·0	36·9	39·5	39·4	39·8	37·7	39·9	37·9	37·3	37·2	42·1	32·2	W	2–3	SW	0	9	10	8	·068	Snow down to 700 ft.
10	·996	29·029	29·122	29·214	29·244	35·2	34·0	40·0	36·1	37·8	36·6	37·0	35·8	34·5	34·4	41·2	35·2	W	1·0	NE	1–3	7	8	0	·120	
11	29·107	·087	·024	·018	28·966	35·1	34·7	36·1	35·0	37·0	35·2	36·4	35·8	36·0	36·0	38·0	36·2	E	0·3	E	0	10	9	9	·583	
12	·084	·096	·232	·358	29·476	33·4	33·3	34·1	34·0	36·4	34·8	35·2	33·8	33·9	33·8	38·6	32·2	SSW	0	E	0·3	9	3	1	–	
13	·748	·780	·790	·726	·770	30·9	30·6	33·9	32·8	34·2	32·1	31·7	30·0	31·7	31·6	36·6	30·4	ESE	0	E	0·2	6	0	0	–	
14	·649	·642	·656	·525	·513	29·9	29·0	29·9	29·1	33·9	32·0	33·9	32·6	32·9	32·8	36·0	26·8	ENE	1·0	N	1–2	3	4	2	–	
15	·436	·436	·420	·406	·408	34·9	32·8	35·9	33·8	36·2	34·8	35·4	34·2	35·9	35·1	37·8	30·2	NNE	2–3	SE	4–5	7	9	3	–	Snow to Sea Level.
16	·472	·486	·544	·580	·598	33·9	31·8	35·8	32·8	33·9	32·1	29·9	28·8	27·4	29·1	36·7	33·5	ENE	1·0	E	0	8	4	0	–	Curling possible.
17	·660	·675	·698	·744	·676	28·9	28·6	27·8	27·1	27·7	27·4	25·2	25·1	22·9	22·9	35·6	26·2	SSE	0·3	N	0·5	2	2	0	·423	Curling possible.
18	·623	·640	·634	·672	·716	30·9	30·8	31·5	31·5	34·1	32·1	19·9	20·0	22·9	23·9	34·8	22·2	W	0·1	ESE	0·3	10	9	1	–	Curling possible.
19	·812	·814	·726	·978	·991	22·9	22·9	24·2	24·2	27·9	27·9	31·9	31·8	27·9	27·9	32·8	18·2	ENE	0·3	NE	1·0	2	10	1	·086	
20	30·179	30·195	30·233	30·251	30·252	19·1	19·1	18·9	18·9	18·9	18·9	15·9	15·8	20·9	20·9	33·3	19·2	E	0	NE	0	3	3	10	–	Fresh snow.
21	·078	·074	29·920	29·810	29·765	37·0	34·9	37·0	35·6	39·5	37·7	38·8	38·7	40·0	38·9	40·6	14·2	SW	2–3	SW	4–5	10	10	10	·450	Thaw here.
22	29·488	29·462	·348	·397	·465	38·0	36·9	37·0	36·3	39·0	37·7	41·0	38·2	41·0	38·0	41·5	36·2	ESE	0	SW	2–3	10	9	9	·042	Snow clear to 600 ft.
23	·624	·628	·638	·606	·511	34·9	33·8	36·1	34·6	38·0	37·3	38·0	37·4	38·0	36·8	41·4	34·2	SW	0·3	SW	1·0	10	5	10	·620	
24	·304	·328	·435	·511	·543	37·0	36·9	39·0	37·9	40·0	35·8	39·1	35·8	39·0	34·8	40·9	36·2	W	0·3	WNW	2–3	10	2	2	·190	Snow clear to 900 ft.
25	·636	·636	·564	·561	·590	33·9	33·6	33·7	33·1	34·9	34·3	30·2	34·8	34·9	34·1	39·8	30·5	SW	0·5	W	0·3	10	10	8	·390	Snow to Sea Level—1 inch.
26	·700	·708	·654	·660	·721	30·1	30·2	30·1	29·8	28·9	28·8	23·9	23·9	23·9	23·9	34·9	28·7	NE	0·3	NE	0·3	9	3	9	–	
27	·826	·832	·740	·528	·446	18·9	18·9	17·9	17·9	27·1	26·8	33·9	33·8	37·0	36·8	34·8	18·2	ENE	0·3	SW	0	10	10	10	·560	
28	·448	·436	·333	·342	·418	35·9	34·8	35·9	34·3	34·6	33·8	36·1	35·1	35·9	35·3	41·8	13·0	SW	1–2	SW	0·5	10	10	10	·236	
29	·750	·790	·940	30·039	30·123	31·9	34·8	33·9	33·6	36·1	35·0	32·1	31·8	31·4	30·8	37·8	33·2	E	0	E	0·3	3	7	3	–	Curling possible.
30	30·297	30·318	30·380	·405	·418	31·4	30·8	31·7	31·0	34·9	33·8	33·1	32·8	33·9	33·8	35·8	28·0	E	0	SW	0	9	9	3	·015	Curling possible.
31	·382	·382	·356	·332	·300	39·8	38·1	40·0	38·3	40·0	39·1	40·0	39·9	42·0	40·9	41·3	33·0	SW	2·0	SW	1–2	10	10	10	·203	Curling possible.
Means.	29·551	29·557	29·544	29·552	29·559	33·5	32·5	34·1	32·8	35·8	34·3	33·8	33·2	34·1	33·4	39·2	29·4		0·97		1·13	7·7	7·1	5·6	7·460	

JANUARY 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·182	30·182	30·128	30·068	30·058	42·3	41·9	42·0	41·9	33·4	31·6	42·0	40·9	42·2	40·9	43·8	29·2	SW	0·5	SW	1–2	10	10	9	·500	
2	29·862	29·848	29·768	29·726	29·678	41·2	40·0	41·0	40·1	46·7	46·1	35·0	34·7	35·9	35·0	43·9	40·8	SW	1·0	SSE	1·0	10	10	9	·720	
3	·244	·190	28·902	·057	·103	40·0	38·4	40·5	48·9	41·0	39·2	36·6	35·8	34·9	33·0	43·3	34·1	WSW	3-4	SW	0–3	10	10	9	·300	
4	·323	·344	29·338	·226	·042	28·9	27·8	29·1	28·1	34·4	33·7	35·9	35·3	35·9	31·3	37·0	27·2	SW	·0	SW	1–2	7	8	6	·150	Snow line at 1000 ft.
5	28·802	28·808	28·782	28·697	28·797	33·9	32·0	33·4	31·8	32·4	31·7	31·0	30·9	30·1	30·0	36·9	32·2	S	0·3	E	·0	10	6	7	·005	Snow to Sea Level.
6	·923	·934	·951	·958	·974	26·9	26·8	26·1	26·0	29·9	29·8	29·9	[29·8]	31·9	31·8	32·1	25·4	SE	·0	NE	·0	2	7	9	·010	Fine sunset.
7	·918	·944	29·023	29·089	29·153	36·9	35·8	35·9	33·8	34·9	33·1	33·9	32·6	34·9	32·8	37·8	30·2	ENE	1·0	E	0·3	3	3	5	–	Fine sunset.
8	29·244	29·250	·252	·293	·325	31·9	30·8	31·2	30·6	32·8	31·8	28·9	27·8	27·9	27·9	37·0	30·4	NE	0·3	E	·0	1	0	6	–	Curling possible.
9	·420	·438	·482	·544	·594	31·9	31·8	31·9	30·8	33·7	32·5	30·4	29·8	26·9	26·9	34·0	26·4	NE	0·3	NE	0·3	8	1	0	–	
10	·648	·664	·681	·663	·622	27·9	27·8	27·2	27·1	29·4	29·3	28·1	27·8	36·1	32·8	31·0	24·0	E	·0	SE	·0	10	3	10	·650	Curling possible.
11	·171	·149	·329	·566	·680	41·2	39·4	43·0	40·4	43·9	40·9	41·0	38·1	38·2	36·0	45·8	27·2	SW	2·0	SW	2–3	10	10	2	·380	
12	30·070	30·102	30·179	30·218	30·214	36·9	35·8	37·2	35·6	39·2	37·2	38·9	37·7	38·9	37·1	41·6	34·2	SW	0·5	SW	2–3	7	9	10	·120	
13	·067	·062	·038	·108	·150	41·0	39·9	40·3	39·2	42·0	41·7	42·4	40·9	42·0	39·9	44·6	37·2	SW	3–4	SW	1·0	10	10	1	·303	
14	·301	·329	·365	·403	·401	36·4	35·3	36·4	35·6	40·0	38·9	38·0	36·9	38·9	37·9	43·0	35·2	S	·0	SW	0·5	9	2	1	·010	
15	·367	·368	·249	·179	·122	33·9	33·7	32·1	32·0	36·4	34·8	36·1	32·8	36·1	33·3	39·8	31·4	NE	·0	SE	1–2	2	2	0	–	
16	29·965	29·965	29·931	29·949	29·939	31·9	28·8	31·4	28·0	33·9	31·8	34·7	32·6	32·6	31·8	38·5	30·2	SW	·0	ESE	2·4	2	9	10	–	
17	·580	·567	·336	·328	·368	36·1	33·0	35·2	33·0	35·9	34·8	38·0	37·0	41·0	38·8	39·8	31·2	S	3–4	SW	2–3	10	10	10	·642	
18	·714	·732	·782	·716	·611	36·1	35·1	35·9	34·8	39·5	38·4	39·0	35·8	40·0	37·2	41·8	35·2	SW	1·0	S	1·0	3	9	10	2·000	Heavy rain at night.
19	·396	·407	·620	·879	·931	47·0	46·9	47·0	46·9	43·2	40·9	39·0	37·9	39·5	37·9	47·8	36·2	SW	3-4	SW	1·0	10	9	1	·310	Snow line 900 feet.
20	30·321	30·341	30·368	30·348	30·345	39·0	37·1	39·5	37·9	43·2	42·9	45·0	44·4	40·0	38·9	45·6	35·5	SW	0·5	W	2–3	8	10	10	·100	
21	·318	·336	·308	·289	·267	43·0	42·9	44·3	42·9	46·0	44·9	46·5	45·9	36·3	45·9	47·0	40·5	SW	2–3	SW	3–4	10	10	10	·885	
22	·173	·193	·238	·255	·278	43·0	42·2	46·3	45·7	46·0	45·8	45·0	44·4	43·0	42·9	48·5	45·2	SSW	1–2	SW	0·3	10	10	10	·181	
23	·284	·288	·278	·254	·218	43·3	45·2	43·0	42·9	44·5	44·0	43·0	42·4	42·0	40·6	45·7	42·3	SW	0·3	SW	1-2	10	9	10	·048	
24	29·998	29·976	29·831	29·724	29·704	42·0	39·9	42·0	39·9	44·0	41·9	45·0	43·4	48·3	45·7	45·8	39·5	SW	1·0	SW	5–6	9	10	10	·160	
25	·692	·691	·689	·731	·776	49·1	45·9	48·3	45·9	48·9	48·2	40·0	38·9	49·4	48·2	50·7	43·5	SW	4·5	SW	1–2	10	10	10	1·245	
26	·776	·886	·978	30·006	30·030	47·6	46·9	47·6	46·9	48·1	47·2	48·1	47·9	48·1	47·9	51·7	46·3	SW	1–2	SW	0·3	10	10	10	·660	
27	·956	·950	·896	29·854	29·804	49·1	46·9	48·1	46·4	47·3	46·1	48·1	47·3	48·1	47·7	49·7	46·3	SW	1-2	SW	3–4	10	10	10	1·573	
28	·857	·889	·902	·893	·905	44·0	41·7	43·[illegible]	40·4	46·0	44·9	46·7	46·4	47·2	46·9	48·7	42·8	SW	2–3	SW	3–4	5	10	10	·793	
29	·931	·940	·989	·997	·973	48·1	47·2	48·2	47·2	46·7	46·4	47·0	45·9	48·1	45·8	49·1	45·3	SW	5-6	SW	3–4	10	10	10	·100	
30	·870	·859	·812	·916	·829	46·0	44·9	46·0	44·9	46·0	44·9	37·7	36·8	38·3	37·5	48·4	45·3	SW	1·0	WSW	0·5	10	10	10	·342	
31	·722	·704	·486	·369	·465	37·0	34·8	37·2	34·8	38·0	36·3	43·8	41·8	42·0	39·9	43·8	35·0	SW	1–2	SW	2·3	7	10	9	·546	Snow line at 900 feet.
Means.	29·745	29·753	29·739	29·752	29·753	39·1	38·0	39·1	38·1	40·2	39·1	39·2	37·8	39·2	38·1	43·0	35·7		1·44		1·58	7·8	8·0	7·5	12·733	

FEBRUARY 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·592	29·622	29·694	29·778	29·808	34·9	33·1	34·9	33·8	40·0	35·7	43·0	42·4	38·5	36·6	45·7	33·8	SW	1–2	WSW	1–2	9	7	6	·546	
2	·500	·446	·198	·210	·298	41·0	37·4	41·0	38·9	41·5	40·4	40·5	38·6	38·0	36·3	44·6	35·4	SW	2–3	SW	2–3	10	10	9	·060	
3	·150	·169	·298	·376	·404	45·6	42·4	43·3	41·2	45·0	41·5	44·4	42·4	37·9	37·2	49·9	37·3	SW	0·5	SW	1–2	9	8	10	1·402	
4	·824	·859	·958	·971	·924	40·0	38·9	40·5	39·2	43·0	42·4	44·2	42·9	41·3	40·7	45·1	36·0	SW	1·0	SW	0·5	9	9	10	·990	
5	·970	·990	30·156	30·261	30·389	40·5	40·1	41·0	40·4	48·6	47·7	41·0	37·9	40·2	36·8	49·8	35·8	WSW	1·0	E	0·3	10	6	1	·500	
6	30·621	30·643	·605	·561	·566	31·1	30·8	31·1	30·8	41·2	38·2	35·9	32·5	33·3	30·8	42·5	30·2	SSE	0	WSW	0·1	0	0	0	·130	
7	·533	·525	·563	·589	·586	41·0	39·9	42·0	40·4	42·5	41·2	41·2	40·9	41·4	40·1	43·8	30·2	SW	1·0	SW	0·3	10	10	9	·022	
8	·625	·633	·629	·639	·635	36·2	34·8	35·9	34·3	41·0	37·8	37·0	33·8	34·9	32·8	48·3	35·2	SW	1·0	SW	0·3	4	3	0	·080	
9	·640	·642	·594	·573	·575	30·1	29·0	29·9	28·3	38·1	35·1	36·1	33·8	37·0	34·2	38·8	29·2	SSE	0	SW	1–2	3	2	9	–	
10	·547	·555	·567	·567	·573	36·9	35·8	37·3	36·1	39·0	37·9	38·9	36·8	36·1	35·8	39·8	34·0	SW	0·3	S	0·3	10	10	10	–	
11	·593	·603	·599	·605	·614	35·9	35·3	35·4	35·0	44·2	42·4	43·3	42·2	42·2	41·7	46·8	33·2	ENE	0	NE	0·3	7	7	1	–	
12	·683	·694	·681	·702	·725	33·1	32·8	33·1	32·8	42·0	40·0	41·0	39·4	36·1	35·8	43·8	32·4	E	0	SSE	0·3	2	8	0	–	
13	·737	·731	·654	·650	·617	32·3	32·3	33·1	33·1	43·4	41·5	42·0	40·7	39·0	38·8	44·0	30·2	[SE	0·3]	ESE	0·3	[9]	10	9	–	
14	·405	·380	·279	·271	·277	38·9	38·9	38·1	38·1	42·0	39·1	38·3	37·3	38·0	35·8	42·8	37·5	[SE	0·3]	SE	0·5	[9]	9	3	–	
15	·391	·413	·389	·393	·369	36·1	33·8	35·9	34·4	40·8	37·9	36·6	34·6	33·9	31·8	41·7	35·2	SW	0·5	WSW	0·3	2	5	10	–	
16	·251	·247	·245	·279	·311	38·0	35·1	38·0	35·8	37·0	36·8	38·9	38·7	39·5	39·4	40·1	33·7	SW	4–5	SW	0·5	8	10	10	–	
17	·223	·211	·084	29·955	29·905	40·1	40·0	41·2	41·1	44·3	33·7	44·2	44·1	45·3	45·2	45·8	36·2	SW	1·0	SW	1·0	10	10	10	·215	
18	29·861	29·896	·054	30·127	30·190	44·0	43·4	44·1	43·5	49·1	43·0	42·0	40·4	42·0	39·9	49·7	40·3	SW	0	NW	1·0	10	3	3	·501	
19	30·207	30·226	·209	·131	·081	41·2	40·9	42·0	41·7	45·2	44·9	44·0	43·3	43·0	42·1	46·8	37·2	SW	0·3	SW	1–2	10	8	3	·020	
20	29·796	29·790	29·736	29·784	29·816	42·9	42·2	43·3	42·9	44·5	40·9	41·2	38·7	39·0	36·9	45·8	41·4	SW	1–2	SW	0·5	10	8	2	·125	
21	·860	·882	·885	·866	·824	40·0	38·2	40·8	39·0	44·2	41·9	42·2	41·2	43·6	41·9	45·1	37·2	SW	0·3	SW	2–3	10	9	10	·125	
22	·620	·610	·519	·489	·458	45·0	44·9	45·3	44·9	45·0	44·9	46·1	45·9	47·9	46·4	48·5	41·5	SW	2–3	SW	2–3	10	10	10	·448	
23	·539	·517	·523	·504	·484	45·0	44·8	45·0	44·9	46·8	46·4	47·4	45·9	47·3	45·9	48·7	44·3	SW	1·0	SW	3–4	10	10	10	1·590	
24	·461	·471	·408	·410	·469	45·3	45·2	45·0	44·9	47·0	46·9	46·0	45·9	44·0	43·0	49·0	40·4	SW	1·0	SW	1·0	10	10	9	2·860	
25	·770	·825	30·072	30·168	30·236	40·0	38·2	40·0	37·9	45·0	39·9	39·3	36·9	37·0	34·8	46·8	38·9	W	2–3	W	1·0	8	4	0	1·750	
26	30·110	30·129	·098	·108	·116	44·1	37·4	43·0	37·4	49·1	44·1	45·8	42·9	47·6	44·2	49·7	33·7	W	2–3	SW	2–3	4	1	10	·035	
27	·290	·292	·286	·292	·310	44·8	42·9	44·5	42·7	50·1	45·4	46·2	43·7	44·3	40·6	50·7	43·8	W	2–3	WSW	2–3	2	4	1	–	
28	·300	·304	·261	·263	·264	42·0	38·0	42·1	38·4	49·1	44·2	45·0	42·8	44·0	41·9	50·0	40·3	WSW	1–2	WSW	1–2	8	3	5	–	
29																										
30																										
31																										
Means.	30·111	30·118	30·116	30·126	30·137	39·5	38·1	39·5	38·3	43·9	31·1	41·8	40·2	40·4	38·8	45·9	36·2		1·11		1·14	7·6	6·9	6·1	11·399	

MARCH 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	30·337	30·369	30·431	30·442	30·462	45·5	44·9	46·2	45·1	51·3	46·1	45·0	42·9	43·0	41·1	51·9	42·6	SW	0·5	SW	0·3	8	2	1	·002	
2	·468	·471	·471	·451	·456	45·0	44·2	45·8	45·0	46·9	46·8	46·4	46·3	46·8	46·7	48·2	42·3	SW	0·3	SW	1·0	10	10	10	·130	
3	·439	·441	·443	·438	·434	45·0	44·9	45·1	45·0	48·3	46·8	46·0	44·0	46·0	43·9	49·7	44·3	WSW	1·0	SW	0·3	10	9	10	·040	
4	·423	·429	·401	·369	·380	44·0	42·1	44·4	42·8	46·3	42·9	44·2	43·2	42·0	40·1	47·6	43·3	SW	0·3	SW	0·3	10	10	10	–	
5	·329	·313	·263	·212	·208	35·2	34·1	34·9	34·2	48·1	42·9	41·0	38·9	34·9	34·0	49·0	33·2	NE	0·3	Calm	0	1	0	0	–	
6	·235	·229	·226	·234	·273	30·9	30·8	29·9	29·8	44·0	41·4	45·2	42·1	43·9	42·9	49·5	28·5	NE	0	NE	0·3	5	2	1	–	
7	·335	·341	·294	·269	·287	34·9	34·1	36·4	35·6	55·1	48·1	48·1	44·8	43·0	40·7	55·7	29·2	ENE	0	NE	0	0	0	0	–	
8	·239	·231	·162	·106	·073	38·3	37·9	39·5	37·4	41·8	38·4	40·0	37·9	39·0	37·1	49·7	34·3	SW	0·3	SW	0·3	10	10	10	–	
9	·025	·038	·072	·099	·139	38·0	37·1	38·6	37·8	45·8	42·5	38·0	36·9	36·3	34·6	46·9	37·4	E	0	NE	1–2	10	10	10	·130	Snow.
10	·124	·127	·073	·016	·011	30·2	30·1	30·9	30·8	32·7	32·6	32·1	31·8	32·2	30·8	38·8	29·2	ENE	1·0	NE	0·1	10	10	10	·630	Snow.
11	29·997	·008	·016	·020	·068	28·9	28·8	29·9	28·8	32·9	31·8	30·3	[30·3]	27·9	27·8	33·8	27·2	NE	1·0	NE	2·0	10	8	8	–	
12	30·184	·186	·220	·234	·265	20·4	[20·4]	25·9	25·8	35·9	32·1	29·9	28·0	24·9	[24·9]	37·8	20·0	NE	1·0	E	0·3	0	0	1	–	
13	·270	·268	·189	·136	·092	17·9	[17·9]	18·9	[18·9]	37·8	34·2	35·9	33·3	35·3	32·2	39·8	16·7	E	0	NE	0·3	0	6	9	·039	Snow.
14	29·922	29·922	29·926	29·928	29·940	30·5	29·8	32·4	31·1	36·0	32·6	34·2	31·8	31·7	30·1	38·8	19·2	NE	0	NE	0·5	5	4	2	–	
15	·975	·978	·941	·959	30·002	24·9	24·8	26·9	26·6	33·0	33·8	35·4	32·1	29·9	28·8	39·8	35·2	S	0	ENE	0·5	3	1	1	–	
16	30·085	30·089	30·097	30·127	·160	24·9	[24·9]	28·2	27·6	38·0	34·0	35·0	33·6	33·9	33·0	38·8	24·0	NE	0·3	SW	0·3	0	10	10	·093	Snow.
17	·167	·170	·162	·162	·170	33·9	33·8	34·4	34·0	37·8	37·0	38·5	37·9	36·9	35·8	39·8	31·3	SW	0·5	SW	0·5	10	10	8	·040	
18	·215	·215	·215	·222	·249	36·1	35·8	36·9	36·3	43·2	41·1	41·2	39·9	38·5	36·8	45·3	34·2	SW	0	SW	0·3	10	4	5	–	
19	·291	·293	·275	·258	·267	35·9	34·8	37·8	36·9	46·2	42·6	42·5	39·9	33·9	33·8	47·1	32·7	ENE	0	E	0	9	8	0	–	
20	·209	·193	·089	·025	29·997	32·1	31·7	35·3	33·8	43·0	39·8	41·5	37·8	39·1	35·4	46·1	29·9	E	0	ESE	1·0	9	9	5	–	
21	29·856	29·816	29·678	29·572	·510	31·4	30·5	33·5	32·2	40·2	34·8	37·6	33·7	34·9	31·8	42·9	31·2	E	0	E	0	0	9	3	–	
22	·194	·202	·176	[·168]	·160	34·9	32·6	34·5	32·8	36·4	35·4	37·0	36·1	35·9	35·2	38·8	33·2	E	0·5	SW	0·3	10	10	7	·102	
23	·030	·053	·074	·088	·062	40·8	38·9	37·8	36·9	44·4	41·7	40·9	40·1	41·3	40·7	46·6	33·2	SW	0·5	SW	1–2	10	5	7	·550	
24	·155	·144	·132	·148	·222	39·0	36·8	41·1	38·9	40·9	39·9	41·0	40·2	41·5	39·9	42·9	37·1	SW	2–3	W	1–2	9	10	10	·360	
25	·364	·386	·585	·746	·822	41·0	39·9	43·5	40·9	48·1	44·4	45·0	41·1	41·1	39·9	48·5	37·6	W	1–2	SW	0·3	9	9	8	·069	
26	·966	·972	·926	·821	·720	41·0	39·4	42·8	41·0	46·0	43·3	43·0	41·8	43·0	42·9	46·8	37·8	SW	0·5	SW	0·5	9	10	10	·670	
27	·607	·612	·700	·760	·826	44·5	42·0	43·3	41·0	44·6	42·7	45·4	40·8	44·4	39·9	48·0	42·1	W	3–4	W	2–3	8	9	10	·500	
28	30·045	30·046	30·144	30·194	30·229	45·6	43·9	47·8	45·8	49·6	46·9	48·0	46·8	47·0	45·6	50·1	41·1	W	1–2	SW	0·3	10	10	10	·020	
29	·299	·299	·299	·302	·318	44·4	42·9	45·3	43·5	49·1	45·1	46·5	44·5	45·0	43·1	50·0	41·5	NW	0·5	SW	0·3	10	9	9	–	
30	·333	·333	·261	·226	·182	41·1	39·9	43·0	41·4	50·0	45·9	50·1	46·2	48·1	45·6	52·7	36·7	WSW	1·0	SW	1·0	3	9	10	·076	
31	29·975	29·913	29·823	29·900	29·957	42·0	41·2	43·3	42·8	44·2	38·9	41·4	35·8	39·2	34·9	49·7	41·3	SW	1–2	NE	1–2	10	9	4	·048	
Means.	30·035	30·035	30·025	30·020	30·030	36·1	35·2	37·2	36·1	43·3	40·2	40·8	38·7	38·7	37·1	45·5	33·8		0·65		0·63	7·0	7·2	6·4	3·499	

APRIL 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).		Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h	21h	9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n. Force.	Dir'n. Force.					
1	30·053	30·053	30·030	29·984	29·944	39·0	34·9	40·8	35·8	44·9	39·9	43·0	39·8	42·0	40·5	46·8	37·2	E 2–3	N 0	1	9	9	–	
2	29·931	29·942	29·963	·990	30·026	44·0	40·9	46·6	41·7	49·0	44·8	48·2	44·7	46·0	43·0	50·7	39·3	NNE 0·5	W 2–3	4	10	9	·020	
3	·996	·996	·937	·867	29·810	45·9	44·1	47·1	44·0	47·4	44·9	46·7	44·4	45·5	44·1	48·7	43·9	SW 1·0	WSW 2–3	10	10	10	·740	
4	·519	·522	·511	·490	·495	42·3	41·7	43·0	41·5	40·5	37·8	38·8	37·0	33·9	33·7	46·8	41·9	W 1·0	N 0·3	10	6	2	·130	
5	·656	·694	·840	·918	30·039	34·1	32·8	33·7	32·6	40·9	36·9	40·2	35·7	36·0	33·0	41·8	29·2	E 3–4	NE 1–2	10	9	8	·030	
6	30·235	30·238	30·256	30·267	·284	35·1	31·8	36·0	32·3	41·2	36·1	37·0	33·0	31·9	31·8	41·8	31·2	ENE 1–2	NE 0·3	4	8	1	–	
7	·342	·346	·340	·347	·366	35·3	31·8	37·5	33·0	43·4	37·9	41·6	37·7	34·9	32·8	44·6	28·2	E 0·5	NE 0·5	9	9	0	–	
8	·378	·374	·298	·268	·300	33·9	31·9	36·9	34·3	50·6	43·2	49·1	43·9	42·0	39·9	52·7	27·3	NNE 0·3	N 0·3	0	2	4	–	
9	·347	·338	·308	·282	·300	39·2	37·9	41·9	40·0	55·3	47·1	52·2	47·7	43·5	41·1	57·8	33·2	ENE 0	W 1·0	1	2	0	–	
10	·309	·296	·219	·189	·222	37·4	36·2	41·9	39·9	57·8	49·0	50·4	45·9	43·0	40·9	57·8	33·1	NE 0	SW 0	0	0	0	–	
11	·230	·218	·144	·123	·160	37·9	36·9	43·0	41·0	59·0	49·9	54·7	48·1	45·0	42·4	59·8	32·7	NE 0	SSE 0·3	1	0	0	–	
12	·186	·186	·168	·156	·224	43·4	41·8	46·6	43·9	58·0	48·9	53·4	47·3	46·0	42·9	59·6	34·2	NE 1·0	NE 1–2	2	1	1	–	
13	·331	·339	·320	·340	·380	39·9	35·4	40·2	35·7	46·0	43·9	42·3	35·6	38·0	33·8	53·7	34·7	NE 1–2	E 1·0	3	4	7	–	
14	·434	·450	·413	·388	·404	36·9	32·9	40·0	34·1	48·3	40·9	46·1	40·9	38·0	35·8	49·7	29·2	NE 0·3	N 0·5	4	1	1	·010	
15	·382	·382	·380	·391	·428	39·0	37·4	42·0	39·8	48·3	44·9	49·0	44·9	46·0	43·0	51·2	33·0	W 0·3	NE 1·0	8	7	9	–	
16	·540	·544	·554	·540	·554	43·0	40·9	44·0	42·7	48·6	44·2	50·6	44·9	44·0	41·1	51·8	36·1	SW 1·0	NE 0·3	10	9	1	–	
17	·562	·560	·520	·480	·487	43·0	39·9	47·0	41·9	52·5	46·1	49·8	46·4	45·4	42·7	58·8	36·2	W 1·0	WSW 0·5	1	2	6	–	
18	·433	·425	·393	·355	·332	46·2	44·1	47·0	44·9	47·5	46·7	48·3	44·9	47·0	45·0	49·8	42·1	SW 1·0	SW 1·0	10	10	10	·038	
19	·236	·230	·174	·073	·026	47·0	44·7	47·6	44·9	48·9	45·7	46·4	45·9	47·0	46·2	49·7	45·4	SW 1·0	SW 1–2	10	9	10	·220	
20	29·910	29·882	29·877	29·920	29·919	47·5	47·4	48·9	48·2	44·5	43·9	42·2	41·7	41·5	40·4	50·7	45·6	SW 1·0	E 1·0	10	10	10	·445	
21	·706	·670	·545	·447	·391	42·3	39·9	43·0	40·8	46·2	43·2	45·0	44·2	44·0	43·9	47·6	40·3	SSE 2–3	NE 0	10	10	10	·440	
22	·269	·269	·248	·211	·190	46·2	45·7	46·0	44·9	47·2	46·1	48·9	45·4	42·0	40·9	52·3	43·3	SW 1–2	N 0·3	10	10	3	·130	
23	·101	·101	·054	·060	·093	41·8	40·7	43·5	41·9	49·1	44·3	48·3	43·7	42·3	41·0	53·2	38·2	NE 0	SW 0·5	5	10	10	·130	
24	·140	·161	·211	·273	·307	42·0	40·9	42·3	39·9	42·5	40·2	38·2	36·7	37·9	34·4	51·6	40·3	W 1–2	WSW 1–2	8	8	9	·293	
25	·394	·424	·537	·575	·624	39·0	36·9	40·1	37·9	38·8	35·8	39·4	37·7	35·0	34·2	44·8	34·2	WSW 2–3	WSW 1·0	9	10	8	·342	Fresh snow to 900 ft.
26	·588	·572	·583	·612	·675	35·2	34·8	33·5	33·3	37·1	36·0	37·4	39·1	34·6	33·8	46·2	31·2	NE 1·0	Calm 0	10	10	1	·290	Fresh snow to Sea Level.
27	·706	·690	·641	·621	·652	34·0	31·6	37·3	34·8	44·0	39·4	41·0	38·7	39·0	38·2	47·4	27·4	N 0·3	SW 0·5	3	9	10	·030	
28	·782	·792	·803	·865	·901	40·2	38·8	46·2	41·8	51·6	45·7	46·3	43·1	40·8	39·4	52·8	34·2	WNW 0·3	N 0·3	7	7	10	·200	
29	·973	·985	30·000	30·031	30·074	42·2	40·1	43·5	40·7	50·6	44·3	46·3	41·5	41·0	37·9	51·5	34·7	NE 2–3	NE 0·5	5	7	8	-	
30	30·164	30·135	·132	·122	·132	40·5	38·7	45·0	40·5	49·5	42·3	47·8	42·2	44·0	39·4	51·7	35·3	NE 0·3	W 2–3	5	[7]	8		
31																								
Means.	29·994	29·994	29·980	29·973	29·991	40·4	38·1	42·4	39·6	47·6	43·0	45·6	42·1	41·2	39·2	57·8	35·8	1·04	0·82	6·0	6·9	5·8	3·488	

MAY 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	30·116	30·100	30·030	29·953	29·910	41·1	38·9	42·3	39·5	49·1	44·9	45·8	42·1	42·4	39·8	50·7	30·2	W	0·3	SW	0·5	10	9	10	–	
2	29·810	29·807	29·784	·760	·754	44·0	40·9	45·1	41·4	49·2	45·4	48·2	44·3	47·1	43·9	50·2	36·2	Calm	0	SW	0·3	10	10	10	–	
3	·699	·677	·633	·607	·615	41·0	39·8	45·0	41·8	50·6	46·1	49·0	46·1	46·0	44·0	51·8	35·2	W	0	NE	0·3	1	9	10	·010	
4	·623	·620	·596	·589	·643	42·1	39·9	44·0	40·4	53·3	[48·0]	50·2	46·1	45·3	44·2	57·4	39·0	W	0·5	SW	0	9	7	10	·110	
5	·723	·732	·740	·733	·780	44·9	42·1	47·2	43·9	56·8	48·4	54·9	47·1	50·1	45·2	59·7	39·0	SW	0	SW	0	7	7	9	–	
6	·874	·884	·890	·893	·944	50·6	45·0	53·1	46·9	54·3	48·4	54·1	48·7	50·4	46·0	59·8	43·3	SE	0·5	SW	0	1	10	7	·055	8.
7	30·055	30·081	30·129	30·158	30·194	48·1	46·9	50·1	48·5	52·1	48·8	53·6	49·9	49·1	46·9	56·7	45·6	SW	0·5	SW	1·0	8	10	8	·053	
8	·200	·208	·204	·130	·144	51·1	49·9	50·1	49·7	50·4	49·9	50·1	49·7	43·8	42·9	54·4	45·3	SW	1–2	SW	1–2	10	10	10	·272	
9	·204	·206	·211	·176	·226	47·0	44·1	46·0	44·4	50·6	46·9	49·6	45·1	49·1	44·9	54·1	43·3	SW	1·0	WSW	2–3	8	8	10	·140	
10	·254	·254	·282	·262	·246	47·0	45·9	47·6	45·9	49·6	45·9	45·1	40·8	47·2	44·9	52·7	46·2	SW	0	SW	0–3	10	10	10	·150	
11	·110	·094	·054	·056	·107	46·0	45·9	47·3	46·9	54·9	52·0	56·5	53·0	55·1	51·9	59·8	44·0	SW	0	WSW	1·0	10	5	7	–	
12	·203	·201	·190	·232	·321	50·0	45·4	52·0	46·1	56·4	49·9	56·3	47·7	46·0	43·9	59·0	44·1	N	1·0	NE	2–3	9	3	4	–	
13	·421	·425	·420	·414	·427	43·0	37·9	45·0	39·1	55·1	46·8	54·4	46·9	49·1	43·9	58·5	36·2	NE	0·5	SE	0·3	1	2	10	–	
14	·450	·454	·442	·436	·433	50·3	46·8	50·1	47·1	53·1	51·0	54·1	50·9	52·1	49·9	55·8	45·3	SW	0·3	SE	0	5	10	7	–	
15	·440	·438	·374	·370	·378	53·2	50·9	55·1	50·9	61·1	54·0	58·8	52·9	54·1	49·4	65·3	48·2	Calm	0	WSW	1–2	5	9	7	–	
16	·325	·317	·235	·175	·182	52·1	48·9	53·6	49·2	59·7	52·4	58·0	51·9	49·1	46·9	61·2	46·3	N	0	WSW	1·0	0	3	1	–	
17	29·903	29·930	29·878	29·890	29·893	50·1	46·9	51·3	47·3	53·4	49·9	49·9	46·4	46·2	44·1	58·6	43·8	SW	1·0	W	0·5	8	10	7	·075	
18	·896	·888	·844	·786	·706	49·1	45·9	49·0	45·2	52·6	46·9	49·1	47·2	46·3	45·2	55·5	41·3	SW	0·5	SW	1·0	6	6	10	·660	
19	·597	·615	·555	·438	·361	45·8	40·4	45·5	38·9	47·0	41·9	45·5	40·1	41·2	38·9	55·3	40·3	W	2–3	SW	0	10	7	10	·060	
20	·347	·347	·411	·451	·453	42·0	37·4	43·0	37·9	46·0	39·5	44·3	39·0	40·0	37·1	48·5	36·2	N	2–3	SW	1–2	3	8	3	·150	Snow to 700 feet.
21	·412	·430	·485	·520	·625	41·0	39·1	39·5	37·5	43·9	41·9	43·4	40·9	40·5	38·4	45·0	34·3	SW	1·0	W	0·3	10	10	4	·120	Snow to 800 feet.
22	·800	·798	·865	·892	·928	44·0	40·1	45·0	40·6	47·9	43·1	48·5	43·4	40·5	38·7	50·7	40·0	WSW	0·5	WSW	0·3	9	9	0	–	Snow to 1000 feet.
23	30·020	30·017	30·059	30·090	30·128	45·2	42·9	46·0	44·0	57·0	50·0	52·2	48·1	50·7	48·4	58·0	34·2	SW	1·0	SW	0	10	8	10	·010	
24	·252	·253	·280	·300	·346	52·1	50·9	55·1	52·9	57·2	54·8	59·6	56·5	55·1	52·9	61·1	48·0	SW	0	SW	0	7	9	10	–	
25	·363	·375	·368	·365	·376	55·3	53·7	57·0	55·0	63·1	57·1	61·0	56·2	56·0	52·9	67·8	50·7	NE	0	NE	2–3	10	4	8	–	
26	·401	·395	·378	·348	·362	57·0	53·9	58·0	51·7	65·2	55·1	62·9	56·8	54·7	51·9	68·0	51·2	NW	0	E	1–2	4	2	2	–	
27	·307	·299	·234	·210	·218	53·4	50·1	56·1	51·9	59·0	54·5	55·3	51·9	48·9	46·9	66·7	49·7	NE	2–3	NE	2–4	6	3	2	–	
28	·196	·182	·141	·149	·146	47·4	43·9	48·4	44·7	59·9	51·6	51·1	50·9	50·2	47·1	61·1	41·5	NNE	3–4	NNE	1–2	1	2	2	–	
29	·124	·124	·073	·075	·112	47·3	43·4	49·1	44·1	57·2	49·4	53·4	47·2	45·2	42·2	58·1	42·3	NE	2–3	NE	2–3	2	2	0	–	
30	·134	·132	·098	·090	·129	47·6	44·9	49·4	46·1	61·8	53·9	61·8	54·3	52·0	48·9	64·6	42·3	NE	0·5	E	0	10	2	0	–	
31	·181	·172	·145	·103	·117	50·4	47·1	54·1	49·7	63·7	53·9	63·7	54·0	54·3	50·7	66·3	39·3	W	0·3	ESE	0·1	0	1	4	..	
Means.	30·046	30·049	30·033	30·021	30·039	47·7	44·8	49·0	45·5	54·6	49·1	52·9	48·3	48·3	45·6	57·8	42·0		0·79		0·89	6·5	6·6	6·5	1·865	

JUNE 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·064	30·042	29·972	29·933	29·948	55·6	52·1	59·2	54·0	67·9	56·0	65·6	56·3	57·0	50·9	71·6	44·5	NE	0	SSE	1–2	0	2	1	–	
2	29·940	29·929	·867	·843	·860	50·3	46·9	53·3	48·9	66·0	60·1	63·9	59·2	51·4	50·1	71·0	41·4	N	0	E	0	10	7	8	–	∞ afternoon.
3	·904	·901	·865	·874	·893	54·0	50·4	56·0	51·9	67·5	62·2	59·4	57·3	54·1	52·9	69·3	46·3	NE	0·3	E	0	7	8	10	–	∞ afternoon.
4	·900	·900	·902	·950	·922	56·3	53·3	56·8	54·0	56·3	54·3	52·5	52·1	52·1	51·7	60·8	48·7	ENE	0·3	W	0	8	10	10	·213	
5	·988	·992	·980	·990	·982	54·1	52·2	54·1	51·9	60·9	56·0	61·9	58·2	55·1	52·9	63·8	49·2	SW	0·3	SW	0·3	7	3	3	·090	
6	·950	·958	·929	·901	·880	53·9	52·9	55·0	54·0	59·9	58·3	55·6	55·5	53·6	53·4	62·8	50·2	SW	0·3	SW	0	10	9	10	·310	
7	·616	·588	·618	·664	·696	54·3	53·6	56·2	55·4	56·0	54·2	53·3	52·1	52·7	51·6	57·7	52·2	SW	1–2	WSW	1–2	10	9	10	·326	
8	·797	·799	·828	·828	·794	53·1	51·9	54·9	54·0	52·1	51·9	54·3	51·9	51·1	50·2	60·8	49·0	SW	1–2	SW	1–2	6	10	10	·802	
9	·8	·841	·986	30·081	30·187	52·6	49·4	52·1	50·4	53·7	52·9	56·1	55·0	53·1	51·9	58·9	48·4	SW	1·0	SW	1·0	9	10	9	·070	
10	30·350	30·366	30·380	·366	·377	[53·0	52·0]	54·1	52·9	59·0	58·0	60·9	60·7	52·1	51·9	63·3	45·3	SW	1·0	SW	0	9	8	7	·105	
11	·222	·212	·136	·093	·091	51·1	50·3	51·4	51·2	54·3	54·0	55·1	53·7	54·1	52·1	61·9	49·2	SW	1–2	SW	1·0	10	10	10	·518	
12	29·962	29·946	29·926	29·880	29·872	51·4	51·2	52·1	51·9	54·3	53·2	52·6	52·4	53·1	52·9	56·7	50·4	SW	1–2	SW	2–3	10	10	10	·350	
13	·964	·972	·940	·954	30·033	54·1	51·5	54·4	51·7	52·1	51·4	54·0	53·3	52·9	49·9	56·4	51·2	SW	1·0	W	1·0	9	10	9	·268	
14	30·176	30·176	30·152	30·147	·144	50·1	47·9	53·1	50·4	56·4	56·4	59·0	58·1	53·3	53·1	58·8	40·3	W	0·3	SW	0·3	3	10	10	·150	∞ in morning.
15	·238	·256	·297	·324	·321	54·6	53·3	53·4	52·9	54·1	54·0	54·3	54·2	54·1	54·0	60·7	51·2	WSW	0	SW	1·3	10	10	10	·010	
16	·311	·321	·302	·293	·306	56·1	54·9	59·1	58·4	67·9	[63·0]	69·4	[64·5]	60·9	55·0	71·3	50·2	WSW	0·5	SW	0	2	0	8	–	
17	·326	·316	·272	·258	·266	60·7	57·9	64·9	59·3	75·9	64·1	73·9	65·2	66·9	62·2	80·9	52·2	Calm	0	SW	0·3	9	1	4	·116	∞.
18	·316	·310	·278	·268	·294	60·9	60·1	66·4	64·3	75·9	67·2	72·4	65·2	65·7	62·7	77·0	54·2	Calm	0	Calm	0	7	2	9	–	T at 6h 20m to 40m ∞.
19	·366	·368	·365	·350	·378	56·5	54·5	57·0	54·8	61·4	57·0	62·2	53·8	56·0	52·1	72·4	54·2	NE	2·0	NE	3·0	10	10	0	–	
20	·470	·467	·421	·402	·440	58·4	49·1	57·0	51·2	72·9	59·4	63·1	58·8	59·0	51·2	74·7	43·3	NE	1·0	SSE	0·3	3	2	0	–	∞.
21	·443	·438	·402	·383	·402	56·0	52·0	59·8	54·0	76·1	68·4	67·1	58·3	59·3	55·0	76·1	43·3	Calm	0	SE	0	1	2	3	–	∞ ∞.
22	·406	·397	·373	·342	·356	60·9	57·6	65·6	60·1	74·2	64·2	70·9	61·7	64·2	58·4	76·0	48·2	NE	0	E	0	1	0	0	–	∞ ∞.
23	·367	·358	·311	·300	·322	60·9	57·4	66·7	62·7	81·0	64·2	76·5	66·0	64·9	59·5	84·9	51·0	NE	0	E	0·5	0	0	0	–	
24	·375	·368	·320	·298	·308	60·9	56·5	67·4	60·1	76·5	66·6	80·0	66·4	67·2	60·1	85·9	49·2	NE	0	NE	0·3	0	4	4	–	
25	·302	·304	·240	·228	·240	62·9	59·6	67·9	62·1	78·8	66·8	71·5	67·4	64·9	59·9	82·1	51·2	N	0	NE	1–2	0	0	1	–	∞.
26	·279	·272	·222	·193	·203	59·5	56·0	62·9	58·3	68·5	62·6	64·9	60·4	54·7	54·4	73·8	52·2	NE	0	WSW	0·5	0	5	10	–	
27	·170	·178	·188	·200	·219	57·0	54·0	57·5	53·4	60·2	54·0	60·3	54·3	55·1	50·9	64·8	52·2	W	0·5	W	1–2	10	9	7	–	
28	·268	·279	·298	·320	·358	56·9	53·4	56·5	53·4	61·1	56·0	63·4	57·3	58·1	54·0	65·8	53·4	W	1·0	W	2·0	9	5	9	–	
29	·436	·441	·444	·454	·468	60·9	57·3	61·1	57·4	70·1	60·7	63·8	56·5	60·0	54·2	71·6	53·7	SW	0·3	W	1·0	9	5	9	–	
30	·471	·466	·417	·382	·374	56·0	52·9	58·2	54·0	63·8	59·4	67·7	60·1	60·0	56·2	69·6	47·0	SW	0	N	0	9	10	1	–	∞.
31																										
Means.	30·173	30·172	30·154	30·150	30·164	55·9	53·4	58·1	55·0	64·5	58·9	62·9	58·2	57·2	54·2	68·7	49·1		0·53		0·76	6·3	6·0	6·4	3·328	

JULY 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·280	30·280	30·223	30·173	30·173	59·4	56·8	60·9	58·1	62·2	58·1	62·9	58·1	59·4	56·2	68·4	49·3	W	1-2	SW	0	4	8	10	·120	
2	·180	·177	·180	·173	·185	59·0	54·9	61·4	56·0	66·2	57·6	65·9	56·5	55·8	52·1	68·8	55·2	SW	0·7	SW	0·5	4	2	7	·035	∞ in afternoon.
3	·077	·069	29·978	29·951	29·964	56·0	55·3	58·0	57·4	59·0	59·0	58·6	58·3	57·3	54·3	67·6	50·2	WSW	0·3	SW	1-2	10	10	10	·400	
4	29·949	29·949	·911	·903	·926	54·9	52·9	55·1	52·9	58·3	54·1	57·8	52·9	54·3	51·9	62·5	51·7	SW	0	W	0	10	7	9	·130	
5	·982	·982	·980	30·013	30·067	53·6	49·9	57·2	51·9	62·9	52·4	61·7	51·2	51·1	47·4	65·0	49·2	NE	0·3	NE	0	3	5	4	–	
6	30·104	30·075	30·039	30·020	30·000	50·6	47·1	53·6	47·9	60·2	52·9	56·0	50·4	52·9	48·8	63·8	42·3	WSW	0·5	SW	0·3	6	6	10	·152	
7	29·971	29·967	29·953	29·941	29·955	51·3	50·8	51·6	50·9	58·8	58·1	66·1	63·0	59·9	58·4	67·0	49·8	SW	0	SW	0	10	10	10	·048	
8	·914	·911	·807	·738	·704	61·9	60·0	63·2	60·0	77·0	66·2	72·4	64·0	67·7	62·0	79·9	56·2	SW	0·3	SW	0	7	6	10	·730	
9	·704	·698	·667	·616	·585	58·0	56·8	59·9	57·3	66·1	59·5	66·2	58·3	60·0	56·0	74·8	55·0	SW	0·5	SW	0	5	3	9	1·003	∞ 18h.
10	·463	·473	·551	·569	·575	56·4	56·0	57·1	56·3	61·9	56·0	59·0	55·7	55·4	55·0	67·4	54·2	W	0	SW	1·0	9	7	10	·140	
11	·640	·646	·680	·686	·707	57·2	55·8	57·4	56·0	58·2	56·6	58·2	56·3	56·0	55·2	60·8	53·2	SW	1·0	SW	0·3	9	9	9	·280	
12	·682	·675	·645	·577	·559	55·9	55·5	58·2	58·1	61·4	59·9	62·8	54·8	60·1	58·3	64·8	54·2	SW	1·0	SW	1·0	10	10	9	·274	
13	·527	·517	·493	·463	·456	62·0	58·2	61·9	58·4	61·9	59·9	61·7	59·1	57·0	56·2	65·0	56·8	SW	0·3	SW	0	9	9	9	·592	
14	·654	·680	·797	·833	·877	56·2	55·2	56·5	55·9	58·0	54·3	62·7	57·0	55·4	53·4	63·1	54·2	SW	1·0	SW	0·3	10	10	10	·682	
15	·995	30·007	30·036	30·080	30·125	55·0	54·0	56·0	55·0	60·0	56·2	60·0	54·3	55·4	51·9	63·4	53·0	SW	1·0	WNW	0·3	9	9	8	·072	
16	30·256	·258	·272	·275	·293	56·5	52·0	58·1	53·1	60·0	55·6	59·0	55·6	57·0	52·9	63·2	48·2	SW	0	N	0·3	7	8	9	·035	
17	·373	·375	·345	·318	·325	53·1	49·3	57·1	51·9	62·4	54·0	62·9	52·9	55·4	49·6	67·4	44·3	NE	0·3	NW	1·0	9	8	0	–	
18	·288	·275	·222	·222	·226	50·1	46·4	58·0	47·4	61·9	55·9	55·6	54·8	55·0	54·2	64·8	40·5	W	0	SW	0	7	9	10	–	
19	·307	·311	·308	·280	·283	58·5	55·5	59·0	55·9	59·5	58·1	62·8	60·8	60·9	59·1	63·8	51·2	SW	0	WSW	1·0	9	10	10	·025	
20	·325	·322	·317	·304	·293	58·3	52·5	59·5	52·7	61·2	55·6	60·0	55·2	56·2	52·4	67·3	54·4	SW	1·0	W	0·3	6	7	5	–	
21	·234	·220	·180	·114	·056	56·0	54·0	58·6	55·0	59·6	57·3	60·2	58·5	57·0	56·5	61·5	48·2	SW	0·5	SW	1·0	9	9	10	·260	
22	29·914	29·918	29·928	29·951	29·960	59·0	56·3	58·5	54·5	60·0	53·8	60·3	54·6	55·0	51·1	63·8	56·2	SW	0·5	SW	1-2	6	9	9	·060	
23	·970	·976	·980	·903	·820	56·1	54·0	58·4	54·0	58·9	55·9	56·8	55·0	54·6	54·1	61·0	51·7	WSW	1·0	SW	1·0	9	10	10	·700	
24	·644	·652	·725	·703	·716	55·0	54·0	55·3	54·3	59·8	53·9	57·7	52·5	52·1	49·4	62·3	52·4	SW	1·0	SW	1-2	5	8	8	·300	
25	·746	·750	·743	·738	·750	54·1	51·1	53·4	51·2	58·6	53·4	56·0	51·8	53·1	50·9	60·0	49·2	SW	1·5	SW	0·3	9	9	10	·020	
26	·587	·563	·404	·270	·217	58·2	53·0	61·9	55·3	66·1	56·8	59·0	55·0	58·5	56·0	68·3	50·2	SW	1·5	SW	1-2	8	10	10	·395	
27	·176	·186	·283	·404	·531	58·0	55·1	57·8	56·1	58·0	56·0	57·4	54·2	55·0	51·4	59·9	51·2	SW	1-2	SW	2-3	10	9	4	·688	
28	·704	·714	·701	·642	·634	56·3	55·3	57·0	55·9	64·0	58·2	63·7	58·3	61·7	58·1	65·8	53·2	SW	1·0	SW	1·0	9	9	9	·155	
29	·506	·507	·578	·657	·676	58·0	55·0	57·5	55·3	61·1	56·4	56·8	54·2	55·0	53·8	64·5	56·7	SSW	3-4	SW	2-3	10	10	10	·400	
30	·931	·950	·993	30·012	30·041	54·1	52·4	55·0	53·8	58·5	52·8	58·2	52·8	52·3	49·9	61·8	52·2	SW	0·5	SW	0·3	8	9	6	·190	
31	30·068	30·066	30·036	·070	·115	51·1	49·2	53·9	52·9	64·7	55·0	56·4	54·3	54·3	53·1	68·3	41·3	N	0	SW	0·3	7	5	9	·015	
Means.	29·908	29·908	29·902	29·890	29·897	56·1	53·7	57·6	54·6	61·5	56·4	60·5	55·8	56·5	53·9	65·4	51·1		0·72		0·68	7·8	8·0	8·5	7·901	

AUGUST 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·209	30·212	30·211	30·192	30·194	54·9	52·2	56·1	53·4	57·3	55·9	55·0	52·7	51·1	49·9	61·8	55·5	SW	0·5	SW	1·0	7	10	10	·040	
2	·241	·253	·282	·310	·338	54·1	48·6	58·0	49·8	62·5	55·5	58·3	51·9	55·0	51·9	63·8	49·5	NW	0·3	W	0·3	6	4	9	–	
3	·360	·348	·334	·307	·315	55·3	52·9	56·0	52·7	61·8	55·8	62·4	51·0	55·0	52·2	64·3	49·2	WSW	0·3	W	0	10	0	1	–	
4	·299	·245	·246	·204	·146	56·0	54·0	58·3	55·0	66·1	60·6	65·7	60·4	59·9	56·0	70·0	44·5	W	0	SW	0·3	1	8	7	–	
5	·141	·119	·085	·051	29·966	58·6	56·0	61·4	56·7	69·1	[64·0]	63·9	58·6	60·9	56·0	70·8	52·2	SW	0	SW	0	8	7	10	·040	
6	·020	·020	29·961	29·894	·827	57·3	56·3	57·2	56·0	61·2	56·8	58·2	56·9	56·0	56·0	65·4	55·4	S	0	SW	0	10	10	10	·198	
7	29·988	·007	30·038	30·033	·993	54·6	51·1	55·5	50·7	63·1	56·0	58·0	54·2	55·0	54·1	64·7	54·0	W	1·0	SW	1–2	9	5	10	·490	
8	·938	29·944	29·967	29·969	·967	58·3	57·4	59·0	57·9	58·9	57·6	57·3	56·2	57·1	56·1	60·6	53·4	WSW	1·0	SW	1–2	10	10	10	·082	
9	30·006	30·006	30·029	30·029	30·074	56·2	52·1	58·3	56·0	59·5	53·8	55·0	50·7	52·1	47·2	61·8	54·2	W	1·0	W	0	6	8	9	–	
10	·239	·200	·216	·218	·221	53·9	48·7	54·3	49·1	62·0	54·0	51·1	49·9	52·1	47·9	62·8	49·7	NE	1·2	N	0·5	8	3	9	–	
11	·016	·114	·086	·057	·061	52·2	47·8	53·6	48·9	59·0	51·9	58·2	52·2	51·3	50·1	61·8	50·4	W	0	W	1·0	9	8	7	·010	
12	29·952	29·946	29·923	29·903	29·942	53·6	51·0	53·1	51·1	57·5	52·1	56·2	51·8	49·3	47·9	61·0	50·2	W	0	W	1–2	10	9	10	·030	
13	30·001	30·004	·982	·965	·989	49·1	43·9	51·9	45·1	58·1	50·0	57·8	50·2	50·2	46·2	60·8	44·1	NE	1·2	W	1·0	1	9	3	–	
14	29·998	29·996	·986	·998	30·023	48·4	45·1	50·9	46·0	55·8	50·0	56·6	50·2	52·3	48·9	59·7	42·3	W	0	W	2·0	9	9	9	–	
15	·988	·976	·930	·879	29·846	49·1	46·1	53·4	49·8	55·0	52·0	56·2	52·1	54·1	51·7	57·0	42·1	W	0·5	SW	0·3	8	9	9	·020	
16	·784	·804	·752	·768	·787	54·0	51·9	55·3	52·2	64·9	56·5	60·1	50·5	55·0	52·2	67·0	51·2	W	0	Calm	0	7	7	5	–	
17	·843	·843	·832	·857	·880	50·1	49·1	52·6	50·9	58·2	53·1	58·0	51·9	54·1	50·2	62·6	42·1	ENE	0	W	0·3	9	9	9	–	
18	·904	·916	·911	·948	·967	53·6	49·8	55·3	50·4	58·9	52·8	53·7	51·9	51·1	49·2	61·9	50·5	WNW	1–2	NE	0	9	8	9	·250	
19	·980	·986	·971	·972	·996	52·3	50·9	54·5	52·6	65·9	56·0	56·0	54·3	51·2	49·9	65·8	57·5	NE	0	SE	0	5	7	4	·090	
20	30·041	·989	30·042	30·029	30·058	52·2	50·4	55·2	52·4	62·2	56·1	58·0	52·9	48·1	45·9	65·0	44·3	NE	0	NE	0	7	6	0	–	
21	·080	30·078	·072	·049	·035	50·6	47·1	52·1	47·7	56·5	49·9	56·1	50·4	48·1	45·9	60·0	40·5	NE	0·3	WSW	0·3	8	8	5	–	
22	29·938	29·918	29·854	29·832	29·877	48·6	46·7	49·7	47·1	54·1	54·0	57·2	56·5	55·0	54·0	58·9	41·3	W	0	WSW	1·0	10	10	9	·265	
23	·931	·933	·965	·960	·975	55·1	55·0	56·0	55·5	58·2	58·1	64·8	61·3	58·0	57·0	65·8	49·2	SW	0·3	Calm	0	10	9	9	·052	
24	·976	·956	·888	·850	·839	55·8	55·1	56·5	55·8	71·0	62·4	68·0	60·2	63·9	57·3	74·8	51·3	E	0	SW	0·3	10	4	7	–	
25	·793	·799	·803	·801	·780	60·4	56·5	60·9	56·3	62·8	60·0	61·9	60·7	58·0	57·0	69·8	53·3	SW	0·3	NE	0	10	10	5	–	
26	·658	·631	·530	·492	·506	59·9	58·1	63·1	60·1	68·1	62·9	59·2	58·3	58·2	59·1	73·0	52·2	Calm	0	SW	0	9	9	10	·290	
27	·624	·632	·656	·640	·656	56·0	54·2	61·7	57·9	61·7	59·9	66·2	59·4	58·0	55·0	68·8	51·2	SW	0	E	0	3	7	3	·043	
28	·626	·638	·606	·585	·570	61·4	58·4	64·9	59·6	65·4	61·2	61·9	60·1	58·0	56·0	70·8	55·2	W	0	E	0	9	7	8	·350	
29	·442	·472	[·460]	·448	·412	57·0	56·3	59·0	58·3	59·9	57·6	59·9	57·0	56·0	55·0	65·8	54·4	E	0	SW	1·0	9	6	9	·315	
30	·252	·364	·384	·362	·337	55·5	54·5	57·0	55·8	58·3	57·0	59·2	57·0	54·4	53·2	62·0	55·0	SW	0	E	0	10	8	9	·340	
31	·229	·231	·243	·290	·278	55·3	54·2	56·3	54·9	64·6	63·5	58·1	55·1	56·0	54·9	66·8	52·3	E	0	SW	0	9	9	9	·120	
Means.	29·919	29·922	29·911	29·900	29·899	54·5	52·0	56·4	53·1	61·2	56·4	59·0	54·9	54·7	52·4	64·7	49·9		0·32		0·45	7·9	7·5	7·5	3·025	

SEPTEMBER 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	29·396	29·410	29·416	29·396	29·393	55·3	53·4	56·0	54·1	61·9	56·0	60·9	56·1	50·1	48·1	64·5	52·2	SW	1–2	SE	0	7	3	0	·290	
2	·139	·121	·114	·195	·253	53·1	52·4	54·1	53·4	56·0	53·2	55·0	51·7	55·4	51·0	61·1	48·2	NE	1–2	SW	1–2	10	10	9	·300	
3	·466	·477	·550	·620	·570	53·1	51·9	54·6	52·9	61·9	55·3	57·0	54·0	51·1	48·9	64·7	51·2	SW	1·0	S	0	10	5	1	·060	
4	·539	·536	·459	·475	·458	51·3	50·1	52·9	51·8	55·2	54·0	53·6	52·9	55·0	51·2	58·4	48·7	NE	0·3	E	0	10	10	10	·125	
5	·361	·341	·258	·218	·213	53·1	51·9	53·9	52·0	55·1	53·1	54·1	51·9	52·9	50·9	57·8	51·2	NE	1·0	E	0·3	10	10	9	·050	
6	·302	·320	·364	·440	·511	51·6	50·4	51·6	50·8	53·5	51·9	51·2	49·9	49·1	47·9	55·8	49·2	NE	1–2	NE	1·0	10	10	10	·060	
7	·856	·887	·989	30·066	30·126	46·3	42·9	47·4	44·5	59·2	50·8	53·1	46·9	49·1	44·9	59·8	41·3	NE	0·5	N	0·3	8	4	8	–	
8	30·146	30·140	30·062	29·934	29·834	53·1	50·2	53·4	50·4	56·4	53·1	53·8	51·9	55·0	54·9	57·8	42·6	SW	1–2	SW	4–5	10	10	10	·802	
9	29·743	29·730	29·687	·745	·758	56·8	56·4	57·5	57·1	54·8	54·0	51·9	47·0	48·3	44·9	61·0	52·4	WSW	3·4	SW	2·0	10	10	4	·790	
10	·722	·724	·753	·760	·760	51·1	46·9	51·2	47·0	54·3	50·9	50·4	48·7	49·1	47·9	55·7	46·3	WSW	3·4	SW	1·2	8	9	10	·280	
11	·655	·669	·707	·742	·753	49·4	48·9	51·2	49·9	52·3	46·9	50·1	46·0	47·1	40·9	57·8	47·2	WSW	0·3	W	0·3	9	6	9	·103	
12	·687	·681	·681	·712	·750	47·9	45·2	50·1	46·8	53·1	48·9	51·1	46·4	47·1	44·9	54·7	44·5	W	0·3	N	0	9	8	7	·040	
13	·934	·936	·947	·942	·948	40·0	39·0	49·1	44·9	58·6	51·7	53·1	47·8	49·1	45·9	60·3	38·3	NE	0	NE	0·3	1	5	6	–	
14	·913	·890	·857	·827	·828	51·3	48·7	52·8	49·3	51·7	50·9	50·2	49·9	49·1	48·5	55·7	48·0	NE	0	W	0	9	10	8	·435	
15	·838	·836	·799	·803	·828	41·5	41·0	47·1	44·9	56·3	51·2	51·9	49·2	48·6	47·9	57·5	38·3	NE	0	W	0	1	9	10	·110	
16	·890	·900	·905	·972	30·040	45·0	44·2	48·1	47·0	56·1	52·0	52·2	50·0	47·1	45·0	60·6	38·5	E	0	NE	0·3	8	10	0	·020	
17	30·233	30·240	30·289	30·336	·398	47·9	46·2	54·3	50·7	58·2	52·9	53·2	49·8	48·2	46·0	63·3	43·3	NE	0·3	SE	0	6	7	0	–	
18	·526	·526	·508	·516	·499	43·5	43·4	46·0	45·5	51·9	49·2	52·3	48·9	52·1	48·9	59·0	37·4	NE	0	E	0	2	6	8	–	
19	·530	·524	·492	·462	·457	53·3	49·3	55·0	49·7	59·9	54·9	55·8	52·2	54·4	51·2	61·9	49·2	W	0·3	SW	1–2	9	6	0	–	
20	·449	·446	·388	·376	·401	46·3	44·9	51·1	48·2	63·9	56·8	55·0	51·2	48·1	46·7	64·8	44·3	E	0	NE	0	1	0	0	–	
21	·400	·398	·376	·349	·322	48·1	47·2	49·1	47·8	54·1	51·4	53·4	51·7	52·2	50·1	55·2	42·3	SE	0	SW	0	10	10	10	–	
22	·354	·354	·351	·342	·395	47·6	46·9	50·3	48·9	61·9	50·9	55·5	52·7	48·4	47·2	63·8	44·5	E	0	E	0	2	0	0	–	
23	·491	·492	·466	·488	·532	41·0	40·7	46·3	45·1	60·4	55·2	56·0	53·3	50·1	48·9	64·8	39·3	NE	0	NE	0	0	2	0	–	Slight aurora at 21h.
24	·555	·542	·485	·427	·391	45·8	45·2	50·1	48·9	58·0	54·9	55·0	52·9	53·3	52·3	59·0	43·3	NE	0	Calm	0	9	9	10	–	
25	·239	·227	·078	29·943	29·834	52·4	51·9	52·9	52·1	53·6	52·1	54·1	51·9	53·1	52·4	55·9	30·7	WSW	0	SW	1–2	10	10	10	·490	
26	29·590	29·588	29·522	·470	·407	52·1	48·4	52·4	48·4	55·5	50·0	48·3	46·3	47·1	45·9	58·0	51·1	W	1–2	SW	1·0	9	6	9	·430	
27	·238	·244	·225	·234	·217	42·0	40·9	43·1	41·9	50·1	46·4	44·5	42·6	43·2	41·7	50·7	40·9	SW	1·0	SW	1·0	6	4	10	·100	
28	·296	·318	·321	·378	·404	41·0	40·5	43·2	42·1	51·1	45·9	48·5	44·7	43·1	41·9	50·6	39·3	NE	0	NE	0·3	9	6	3	·068	
29	·559	·584	·712	·816	·901	50·1	48·2	50·4	48·7	58·2	52·1	52·1	50·4	52·3	50·1	59·6	42·3	NE	1·0	NE	1–2	7	8	7	–	
30	30·078	30·082	30·085	30·076	30·172	48·1	46·9	52·1	49·9	62·7	56·3	52·1	49·7	50·1	48·1	63·1	46·3	NE	0·3	E	0	8	6	2	–	
31																										
Means.	29·871	29·872	29·862	29·869	29·878	48·6	47·1	50·9	48·8	56·5	52·1	52·8	50·0	50·0	47·8	59·1	44·4		0·69		0·63	7·3	7·0	6·0	4·553	

OCTOBER 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rainfall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.					
1	30·233	30·248	30·252	30·274	30·294	42·3	41·8	47·1	45·9	55·0	51·2	53·2	49·9	50·1	46·9	56·7	37·2	ENE	0·3	Calm	0	7	9	9	–	
2	·349	·364	·377	·381	·398	50·1	47·9	51·2	48·4	55·0	50·4	53·3	49·7	52·4	48·2	55·9	48·2	ENE	0	E	0	10	10	9	–	
3	·420	·416	·419	·403	·401	54·1	50·1	54·4	50·7	59·2	53·8	53·8	48·9	51·1	48·7	59·6	48·2	W	1·0	Calm	0	9	7	5	–	
4	·395	·400	·388	·362	·375	50·7	49·1	52·2	49·8	54·8	50·4	48·3	46·3	50·2	49·1	58·0	46·8	W	0	SW	0	10	10	8	·010	
5	·341	·329	·283	·268	·241	49·3	48·8	50·5	49·4	53·3	50·9	51·5	49·7	50·1	48·9	54·2	46·3	SW	0	SE	0	9	10	9	·020	
6	·160	·153	·112	·055	·051	50·5	49·9	52·1	50·4	54·8	50·7	52·6	49·9	51·9	50·1	55·7	49·0	SW	0	SW	0·5	9	10	10	·045	
7	29·940	29·934	29·880	29·956	29·964	52·2	50·9	53·3	51·1	44·0	43·1	42·2	41·2	41·2	38·9	54·7	50·5	SW	0	NE	1–2	10	10	8	·150	
8	30·054	30·062	30·016	30·011	30·019	38·8	37·2	42·0	39·9	50·6	44·9	38·9	37·3	37·0	35·8	51·2	33·8	NE	1·0	E	0·3	7	5	2	·010	
9	29·912	29·944	29·864	29·853	29·849	38·0	36·9	41·0	38·7	47·6	43·7	39·8	38·2	40·8	39·1	49·2	35·8	E	0–3	ENE	1–2	9	4	8	–	
10	·814	·820	·810	·826	·808	39·6	38·1	40·2	39·1	47·9	43·7	40·0	38·8	42·9	35·9	48·6	37·2	E	1–2	NE	0·5	10	6	1	·110	
11	·772	·770	·766	·785	·757	34·9	33·3	39·0	36·3	45·5	39·7	40·8	36·7	35·9	34·0	46·7	32·2	W	1–2	N	0	7	6	1	·090	Snow.
12	·708	·702	·716	·777	·850	29·9	29·0	32·9	30·8	40·9	38·8	42·4	39·0	41·0	38·9	45·4	26·3	SSE	0	E	0–3	8	9	4	–	
13	30·046	30·054	·960	·962	30·038	40·3	37·7	41·2	37·9	50·4	45·6	45·0	42·9	45·2	42·2	52·5	32·9	E	0·5	SW	2–3	7	8	9	·010	
14	29·909	29·939	30·015	30·105	·172	41·5	39·1	41·8	38·9	41·7	38·1	38·2	34·8	34·9	32·1	51·0	39·3	NE	1–2	NE	0–3	9	9	0	–	
15	30·257	30·224	·290	·310	·346	35·9	34·0	37·7	35·8	48·7	43·1	43·7	41·2	43·4	40·2	48·9	31·2	NE	0	Calm	0	9	6	10	·010	
16	·370	·388	·405	·442	·501	43·2	42·9	45·0	44·2	51·4	49·9	49·3	48·0	45·4	44·6	51·5	37·7	SW	0·3	SSE	0·5	10	9	1	·010	Mackerel sky, afterglow
17	·562	·551	·524	·514	·500	43·1	42·8	46·3	46·1	51·9	47·9	48·1	47·1	49·3	46·4	52·7	36·2	SW	0·3	SW	1·0	9	7	10	·010	
18	·425	·419	·394	·363	·339	50·1	47·9	51·1	48·9	53·2	49·7	52·1	48·0	51·7	48·0	53·9	45·3	SW	1–2	SW	1–2	9	10	10	·100	
19	·162	·151	·114	·092	·144	49·3	48·9	50·1	48·9	51·3	50·4	50·1	49·0	50·3	44·9	53·1	48·2	SW	1–2	W	2–3	10	10	1	·645	
20	·275	·287	·317	·369	·390	47·4	43·7	48·1	43·1	51·1	45·4	45·3	42·6	45·8	42·2	51·9	46·3	W	2·0	NNW	1·0	6	6	8	·015	
21	·483	·533	·520	·518	·509	34·9	33·8	34·9	34·0	48·4	42·7	39·0	37·1	35·9	35·1	49·7	32·8	NNE	0	NE	0	1	6	2	·010	
22	·322	·316	·254	·214	·181	47·1	44·2	46·2	44·9	50·4	48·7	50·0	48·3	45·8	43·2	51·3	35·2	SW	1–2	SW	2·0	10	9	10	·493	
23	·022	·018	29·970	29·968	·003	46·5	44·4	46·3	45·2	47·3	43·9	44·0	40·9	38·0	36·9	51·7	45·3	W	0	ENE	0–3	10	5	6	·075	
24	·278	·287	30·378	30·489	·543	34·9	32·9	35·1	32·8	37·5	33·7	33·6	32·0	34·9	31·8	54·4	32·2	E	0	E	0	7	4	8	–	Snow o 500 feet.
25	·603	·607	·544	·468	·393	35·9	33·8	37·2	34·9	41·9	37·9	41·0	38·3	41·1	40·1	42·8	32·2	SW	0	SW	1–2	9	10	9	·030	
26	·144	·059	29·919	29·812	29·748	43·2	42·1	43·3	42·4	46·8	44·9	47·0	46·2	48·1	46·9	47·7	38·3	SW	3–4	SW	3–4	10	10	10	·730	
27	29·591	29·583	·539	·507	·454	51·3	50·9	51·3	50·9	52·1	51·9	50·3	48·7	50·1	49·1	53·0	42·3	SW	1–2	SW	1·0	10	9	10	·390	
28	·377	·383	·387	·312	·339	47·0	44·9	45·5	43·4	45·6	44·2	45·0	43·4	43·8	42·7	51·1	43·3	SW	1–2	SW	1·0	8	9	8	·930	
29	·255	·247	·260	·277	·277	42·0	40·9	42·8	41·9	44·0	42·9	43·2	41·9	42·0	40·9	47·9	38·7	SW	1–2	SW	1–2	7	10	9	1·483	
30	·141	·126	·026	·069	·092	37·0	36·9	37·2	37·1	42·7	41·8	44·0	42·5	43·0	41·2	44·8	36·2	SW	1–2	SW	1·0	10	9	9	·370	
31	·240	·262	·379	·375	·324	38·8	37·9	41·0	39·9	45·8	41·7	38·0	36·0	36·1	35·0	47·7	·370	SW	1·0	E	0	9	7	10	·473	
Means.	30·050	30·051	30·035	30·036	30·042	43·2	41·7	44·5	42·6	48·7	45·3	45·2	43·0	44·2	41·9	51·1	39·4		0·81		0·83	8·5	8·0	6·6	6·219	

NOVEMBER 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										S. R. Thermometers. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h	Inches.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force					
1	28·911	28·841	28·720	28·472	28·781	46·0	44·1	45·3	42·9	43·0	42·7	46·1	43·9	47·0	44·2	47·6	34·7	SW	1–2	SW	2–3	10	10	8	·380	Snow to 1000 feet.
2	·892	·892	·910	·869	·792	46·0	43·1	46·2	43·1	47·3	43·9	44·4	43·1	47·0	43·9	48·5	42·3	SW	0·5	SW	0·5	9	9	10	·170	
3	·419	·449	·506	·566	·606	43·0	41·4	44·2	42·1	51·1	44·8	45·3	42·0	42·0	40·1	50·8	41·3	SW	1–2	SE	0·3	9	5	9	·100	Fresh snow to 1000 feet.
4	·799	·830	·977	·963	29·105	38·0	37·2	38·0	37·2	44·5	43·1	46·8	43·9	45·0	43·9	47·7	35·2	E	0	SW	1·0	2	10	6	·030	
5	29·253	29·257	29·250	29·254	·250	42·0	40·1	44·0	42·1	47·9	45·1	42·8	42·0	40·0	39·1	48·0	38·0	SW	0·3	SE	0	9	8	10	·020	
6	·411	·437	·527	·604	·771	44·5	42·7	44·2	42·4	47·3	43·9	44·0	43·4	46·0	44·6	47·9	38·3	NE	1–2	NE	2·0	9	10	7	·105	
7	·954	·958	·978	·992	30·010	45·2	42·1	46·2	44·7	44·5	45·2	45·4	43·7	45·2	44·4	48·1	43·3	NE	3–4	NE	4–5	9	10	[8]	–	
8	30·120	30·192	30·206	30·224	·249	48·1	44·9	48·1	45·1	48·4	44·9	46·2	44·1	47·5	44·5	49·7	43·6	E	1·0	NE	2–3	9	9	10	–	
9	·275	·285	·234	·230	·217	44·2	41·8	43·5	41·4	47·0	43·0	40·0	38·0	36·2	35·0	48·7	41·3	SSE	0	E	0·3	7	0	[0]	–	
10	·097	·042	·042	·066	·075	34·9	33·8	41·8	39·9	41·8	39·9	41·0	39·9	38·2	37·1	42·8	31·2	Calm	0	E	0	9	9	1	–	
11	·167	·175	·194	·223	·233	37·9	36·7	38·4	37·9	44·0	41·8	41·3	39·1	40·4	38·4	45·1	32·4	S	0	E	0	8	10	10	–	
12	·220	·220	·196	·166	·162	40·0	38·0	40·2	38·2	42·1	39·7	40·3	38·4	38·5	36·9	42·8	38·3	S	0	S	0·3	10	10	10	–	
13	·105	·098	·049	·021	·013	36·1	35·8	36·3	35·8	41·8	38·2	36·7	34·8	36·2	34·9	41·6	35·2	NE	0	SE	0·3	3	8	5	–	
14	29·906	29·905	29·965	·085	·183	33·2	[33·2]	36·5	34·8	39·0	35·1	35·9	35·3	34·9	34·8	39·9	31·2	ENE	1·0	NE	1·0	10	9	5	–	
15	30·325	30·328	30·288	·286	·252	24·9	24·8	25·1	25·0	32·7	30·8	32·2	31·1	31·9	31·1	35·9	24·0	E	0	SW	0·5	3	9	9	·235	
16	·068	·067	·044	·036	29·989	44·0	43·1	45·1	44·8	47·5	45·9	46·0	45·0	45·3	44·8	48·1	25·0	SW	1–2	SW	1–2	10	10	10	·310	
17	29·831	29·815	29·739	29·667	·601	43·0	41·1	43·0	41·1	44·0	42·8	45·0	44·7	45·2	43·4	46·8	41·3	SW	2·0	SW	1–2	10	10	10	·130	
18	·305	·293	·177	·177	·190	44·5	40·4	43·1	40·9	43·9	40·9	40·4	39·7	38·0	37·9	46·2	41·5	SW	0·3	SW	0·5	9	9	10	·122	
19	·276	·298	·363	·470	·515	35·9	35·6	36·1	35·8	42·2	39·9	39·9	38·7	40·2	38·9	42·9	34·7	E	0	E	0	8	4	3	–	Snow to 900 feet.
20	·604	·604	·573	·560	·567	33·9	35·0	35·2	34·8	42·0	40·7	36·1	34·9	32·6	31·0	42·9	34·2	ENE	0	Calm	0	4	9	1	–	
21	·594	·602	·645	·720	·726	34·9	33·8	35·7	34·6	41·8	39·9	38·4	37·0	38·4	36·7	42·8	29·2	SE	0	E	2–3	3	2	6	·020	Fine aurora 18h–19h.
22	·972	·996	30·100	30·217	30·247	42·1	40·0	42·1	40·0	43·3	40·4	39·0	36·6	35·9	33·8	44·5	36·2	NE	2·0	NE	0·3	7	7	3	–	
23	30·237	30·230	·123	·053	29·994	29·1	29·0	27·9	27·8	35·2	32·8	39·0	36·6	38·9	36·8	44·5	26·2	E	0	SW	1–2	3	4	10	·036	
24	29·667	29·622	29·479	29·487	·464	42·0	40·9	42·0	40·9	46·3	44·9	44·6	41·9	42·7	41·7	47·8	28·0	SW	3–4	SW	1–2	10	10	10	·615	
25	·405	·415	·484	·480	·365	41·5	38·9	40·0	38·0	42·1	38·9	39·3	37·9	40·3	39·0	44·8	39·1	SW	0·5	SSW	1–2	8	9	10	1·970	
26	·080	·088	·148	·169	·267	51·3	49·9	51·3	48·9	48·9	44·9	47·5	44·1	45·0	43·1	52·4	38·3	SW	2–3	SW	1·0	10	10	9	·410	
27	·130	·135	·287	·429	·530	39·2	38·1	39·4	31·0	39·9	38·8	37·2	35·9	36·7	35·6	43·0	37·3	N	1–2	Calm	0	10	9	10	·213	
28	·688	·692	·692	·710	·724	32·2	31·8	32·7	32·0	33·9	33·8	35·9	34·8	34·8	34·7	37·8	29·7	ENE	0·3	NE	0·1	10	10	10	·023	
29	·650	·642	·644	·627	·663	34·2	34·1	34·9	34·8	37·5	36·8	32·2	31·2	32·9	32·6	38·0	32·3	NE	0·3	Calm	·0	9	2	10	·032	Afterglow.
30	·656	·652	·660	·718	·727	37·0	36·3	37·8	36·8	44·8	43·0	44·8	43·7	46·8	46·7	45·8	31·7	SW	1·0	SW	1-2	10	9	10	·170	
31																										
Means.	29·634	29·635	29·640	29·651	29·676	39·6	38·3	40·1	38·5	43·2	40·9	41·1	39·5	40·3	39·0	45·1	35·2		0·87		0·97	7·9	8·0	7·7	5·091	

DECEMBER 1887.

	Barometer reduced to 32° and Sea Level.					Temperature—Dry and Wet Bulbs.										Sun R. Thermometer. Read at		Direction and Force of Wind (0–12).				Amount of Cloud (0–10).			Rain-fall.	Remarks.
	8h	9h	14h	18h	21h	8h		9h		14h		18h		21h		18h	9h	9h		21h		9h	14h	21h		
	Inches.	Inches.	Inches.	Inches.	Inches.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Max.	Min.	Dir'n.	Force.	Dir'n.	Force.				Inches.	
1	29·870	29·838	29·975	30·037	30·091	50·1	47·4	51·0	47·9	51·6	48·1	49·4	47·4	50·1	47·9	52·7	42·8	SW	1–2	SW	1–2	10	9	10	·115	
2	30·108	30·105	30·045	29·965	29·934	48·6	46·9	48·1	46·9	50·1	47·4	49·1	48·0	50·1	48·9	51·6	47·3	SW	1·0	SW	2 3	10	10	10	·370	
3	29·697	29·682	29·580	·642	·684	50·1	48·0	49·1	47·9	50·1	49·0	44·0	42·9	41·0	39·0	51·0	47·3	SW	2–3	SW	2–3	10	10	10	1·093	
4	·850	·759	·784	·790	·776	35·9	34·8	37·2	36·7	37·3	36·6	35·9	35·1	37·6	36·2	44·8	35·2	SW	0·5	SW	1·0	10	8	2	·493	
5	·662	·652	·628	·539	·499	40·2	39·1	41·0	40·0	42·0	40·9	44·7	43·4	43·0	41·9	45·0	33·2	SW	1·0	SW	1·0	10	9	10	·910	
6	28·902	28·904	28·928	28·990	·111	45·0	42·7	42·0	39·9	40·5	36·8	36·1	34·8	37·2	35·6	46·1	39·8	SW	1–2	W	1–2	10	9	10	·430	
7	29·254	29·280	29·420	29·518	·542	35·9	33·7	36·2	33·7	36·2	33·8	35·9	32·9	32·5	31·8	38·8	31·2	W	2–3	SW	1–2	9	9	10	·190	
8	·444	·479	·264	28·905	28·737	26·9	26·8	25·2	24·8	32·9	31·3	38·3	35·8	34·9	34·8	38·8	23·7	N	0	SW	1–3	3	10	10	·240	
9	·105	·154	·490	29·515	29·600	33·9	32·8	34·0	32·8	36·2	32·6	34·9	29·8	31·9	29·8	39·8	32·3	S	0	W	0·5	9	5	3	–	
10	·788	·815	·827	·864	·898	29·9	28·8	28·9	28·8	33·9	32·3	28·9	28·8	26·9	[26·9]	35·8	27·2	SW	0·3	SW	1·0	2	6	1	–	
11	·970	·984	·932	·917	·911	19·4	[19·4]	18·9	[18·9]	25·5	[25·5]	[30·0	30·0]	35·5	34·7	37·8	19·2	E	0	SSE	0·5	1	9	9	·295	
12	·976	·994	·984	·718	·524	27·8	27·8	25·9	25·8	30·1	29·6	37·4	34·0	39·0	34·0	43·9	19·7	E	0	S	3·4	1	10	10	·170	
13	28·974	28·953	28·962	·112	·111	47·6	44·4	48·0	45·1	43·1	41·9	39·6	37·8	38·6	35·8	48·7	26·2	SSE	1–2	SW	1·0	10	10	2	·455	
14	29·013	29·061	29·001	28·980	·026	35·9	34·1	34·9	32·8	41·1	37·9	41·3	38·8	41·0	38·2	41·8	33·7	S	0·5	E	0·3	4	10	8	·030	Snow clear to 1000 ft.
15	·286	·306	·326	29·234	·129	32·9	31·8	31·9	31·6	33·0	32·7	34·8	33·8	38·9	37·9	42·1	30·2	WNW	0	S	1·0	8	9	10	·875	
16	28·845	28·821	28·860	28·935	28·977	42·3	41·9	41·1	40·0	42·9	41·8	43·0	41·6	42·3	40·2	45·8	32·2	S	1·0	SW	2–3	10	10	9	1·560	
17	29·306	29·318	29·435	29·458	29·458	38·0	39·9	42·2	37·2	42·3	37·7	37·0	36·3	35·9	34·8	44·8	38·0	SW	2–3	SW	0	7	9	10	·590	
18	·430	·444	·400	·482	·515	32·9	32·9	33·7	32·8	27·9	[24·8]	24·9	20·8	20·9	17·8	37·0	32·2	SE	0·3	Calm	0	9	0	3	·058	Fresh snow to Sea Level.
19	·524	·536	·578	·662	·690	35·9	34·9	35·9	34·8	37·0	35·3	35·9	35·2	40·1	36·6	39·0	20·7	SW	0	SE	0·3	10	8	8	·022	
20	·742	·750	·785	·794	·805	34·1	32·9	34·1	33·0	35·4	32·9	34·9	34·6	34·1	31·8	40·8	32·3	NE	1·0	NE	3–4	9	7	4	–	
21	·873	·889	·892	·934	·936	30·9	30·9	31·9	30·6	32·9	31·6	23·9	[23·9]	21·9	[21·9]	36·2	28·7	NE	3·0	NE	0·3	4	4	1	–	
22	·941	·934	·834	·823	·893	29·9	29·8	31·7	29·6	34·9	[34·9]	38·0	[38·0]	36·9	[36·9]	39·8	19·4	S	1·0	SW	0·3	9	10	9	·160	
23	30·037	30·038	30·009	·952	·932	29·9	[29·9]	29·7	[29·7]	35·9	[35·9]	38·8	38·7	44·0	42·9	39·7	30·2	S	0·3	SE	0·3	4	10	9	–	
24	29·982	29·999	·050	·994	30·083	37·8	37·1	37·1	36·0	38·0	37·3	31·7	31·1	29·4	28·8	45·6	36·2	E	0	NE	0	9	6	0	–	
25	·952	·949	29·928	·966	29·997	37·5	36·9	38·8	37·9	39·0	38·5	28·9	38·0	36·7	37·7	45·5	27·5	SE	0	NE	0	9	8	0	·055	
26	30·010	30·029	30·042	30·085	30·118	33·9	33·8	34·7	34·3	34·1	33·3	30·9	30·1	30·5	29·8	38·6	33·2	SE	0	E	0	8	3	4	–	
27	·245	·252	·257	·248	·210	28·9	28·8	28·9	25·8	29·9	29·8	29·6	[29·5]	29·4	28·8	33·8	25·2	SE	0	E	0	2	8	3	–	
28	·119	·126	·110	·119	·161	32·7	31·6	30·9	30·8	35·9	35·3	35·9	35·1	33·9	33·8	38·3	27·3	NE	0·3	E	1·0	7	5	2	–	
29	·271	·280	·274	·296	·314	29·9	29·3	30·2	30·1	35·4	34·6	34·9	33·8	34·9	33·8	36·8	26·7	SE	0	E	0	8	7	2	–	
30	·297	·295	·267	·249	·164	31·4	31·3	30·9	30·8	33·9	32·8	32·6	31·6	32·2	31·8	35·4	30·1	NE	0	S	0	9	8	8	·025	
31	·041	·033	29·914	29·829	29·776	31·9	31·0	31·9	31·8	35·1	34·7	35·9	35·8	37·6	36·8	36·1	29·7	S	0	SW	1–2	10	10	10	·045	
MEANS.	29·694	29·700	29·703	29·695	29·697	35·4	34·6	35·4	34·3	37·2	35·7	36·0	35·1	36·1	34·4	41·7	30·9		0·72		0·99	7·5	7·9	6·4	8·181	

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CONTENTS.

		PAGE
No. I.	*On the Number of Dust Particles in the Atmosphere.* By JOHN AITKEN, Esq. (With a Plate),	1
II.	*The History of Volcanic Action during the Tertiary Period in the British Isles.* By ARCHIBALD GEIKIE, LL.D., F.R.S., Director General of the Geological Survey of the United Kingdom. (With Two Maps and Fifty-three Woodcuts),	21
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IV.	*Eight Years' Observations of the New Earth Thermometers at the Royal Observatory, Edinburgh, 1879–1888.* By C. PIAZZI SMYTH, *late* Astronomer-Royal for Scotland, and F.R.S.E., F.R.A.S., &c. (With Four Plates),	287
V.	*On* Neuropteris plicata, *Sternberg, and* Neuropteris rectinervis, *Kidston*, n. sp. By ROBERT KIDSTON, F.R.S.E., F.G.S. (With a Plate),	313
VI.	*On the Fossil Flora of the Staffordshire Coal Fields.* By ROBERT KIDSTON, F.R.S.E., F.G.S. (With a Plate),	317
VII.	*Experimental Researches in Mountain Building.* By HENRY M. CADELL, Esq. of Grange, B.Sc., F.R.S.E., H.M. Geological Survey of Scotland. (With Thirty-six Illustrations),	337

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